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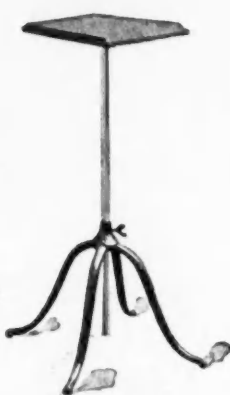


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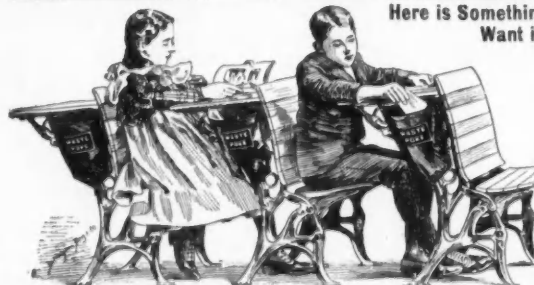
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W. B. ASPINWALL, Prof. Ancient Languages, Union Female College, Eufaula, Ala. I arrived here yesterday and hasten to inform you that I have accepted the position in Union Female College. I thank you for being instrumental in getting me the position and for all your courtesies.

Dr. H. M. LANE, Pres. MacKenzie College, S. Paulo, Brazil. Your valued favor of the 22d inst., with recommendations came duly to hand, and I have delayed answering until some conclusion should be reached. I have closed with Mr. Everett, of Worcester, Mass., one of your candidates.

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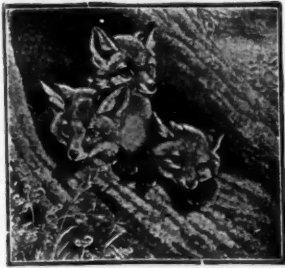
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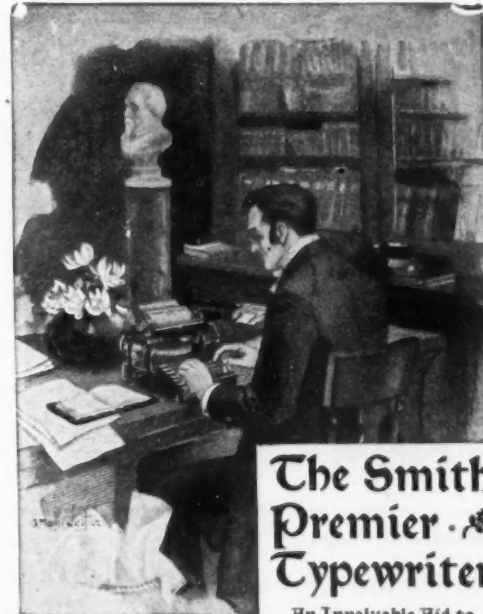
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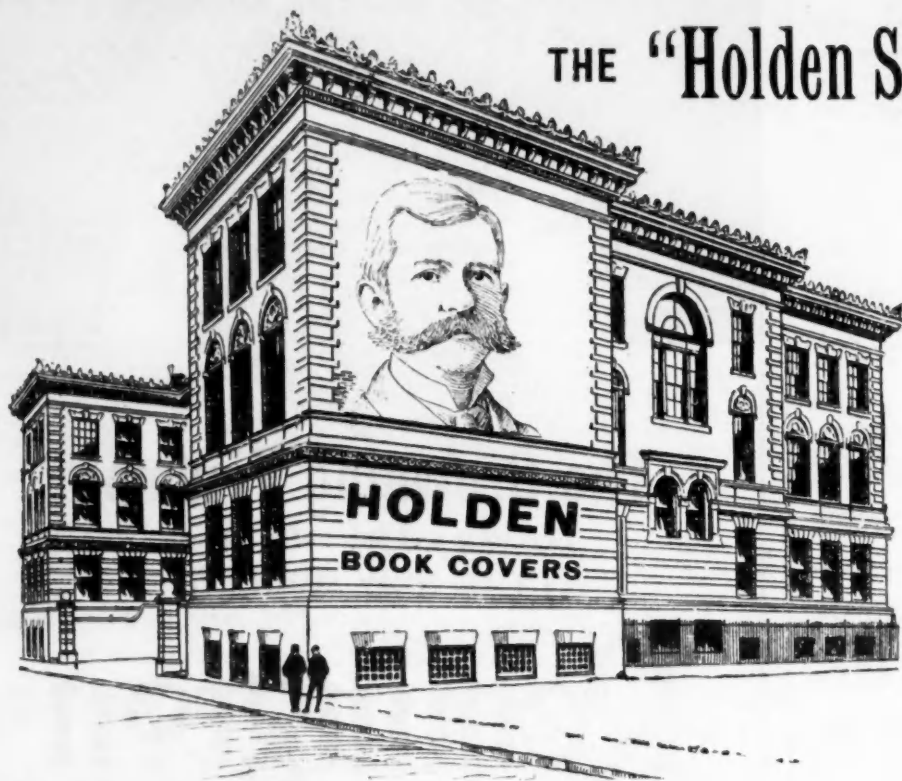
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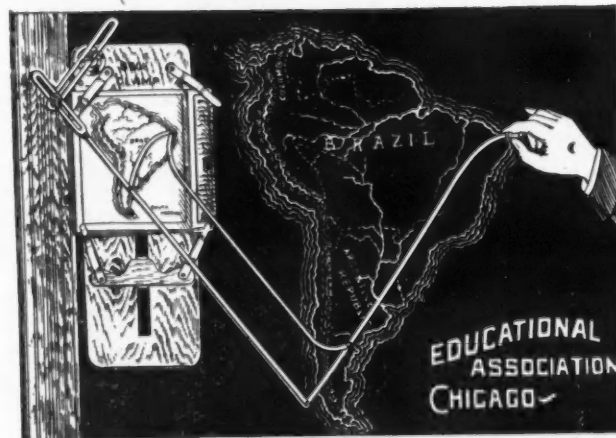
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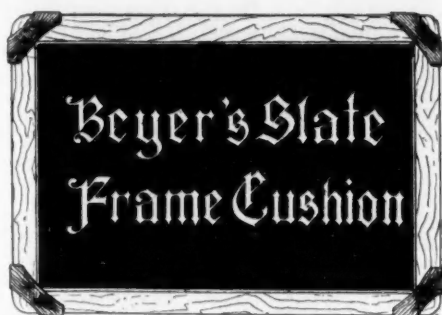
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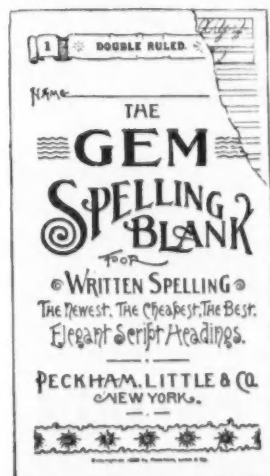
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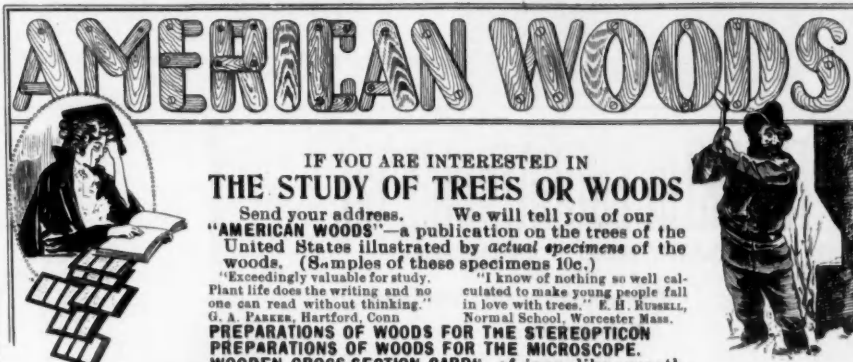
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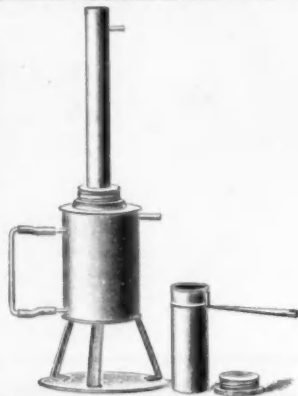
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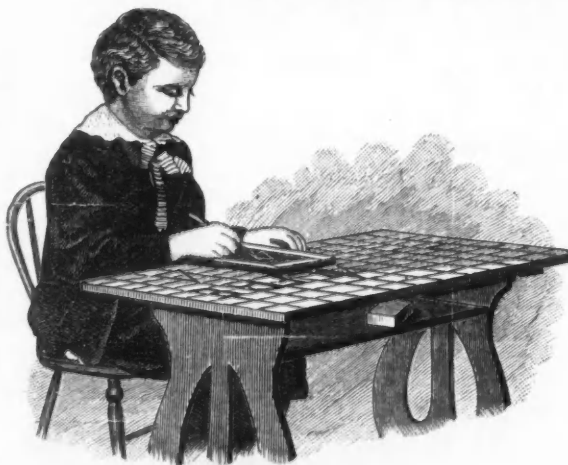
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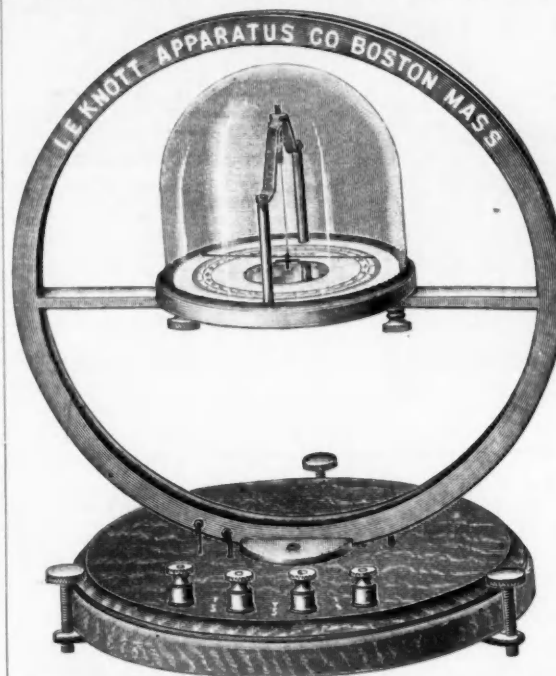
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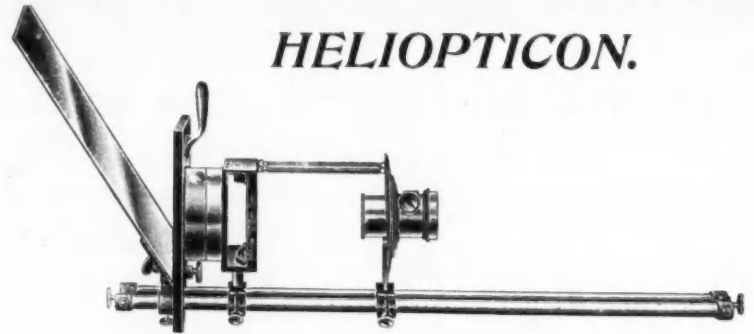
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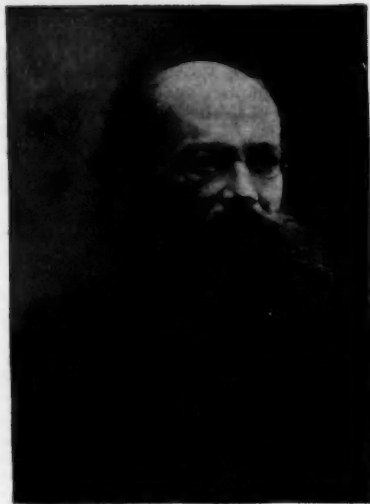
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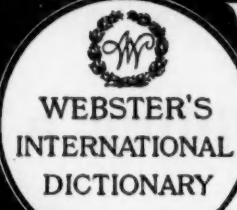
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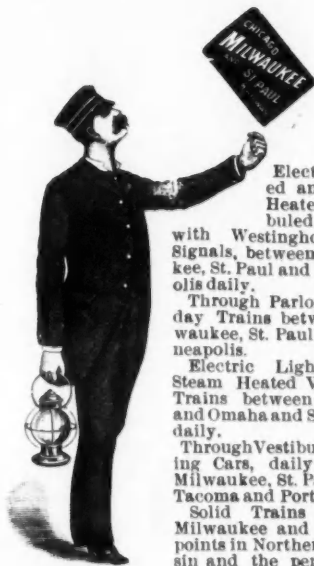
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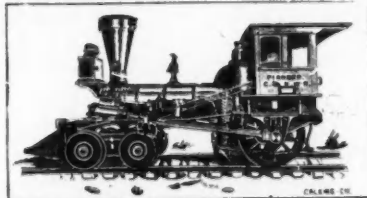
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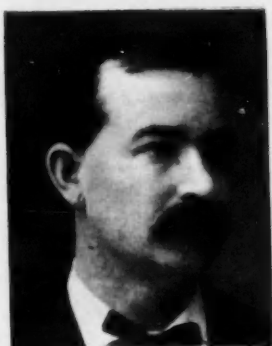
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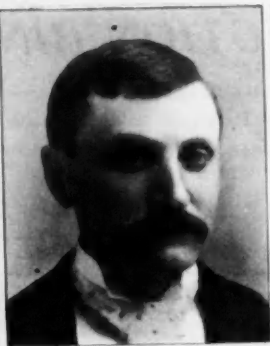
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School Board Journal



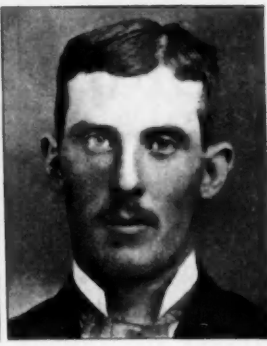
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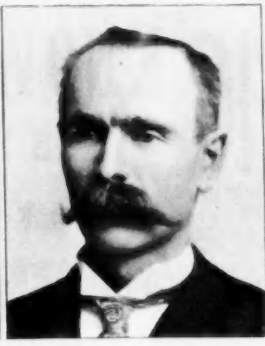
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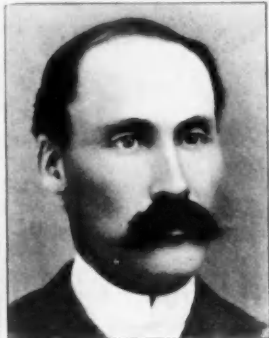
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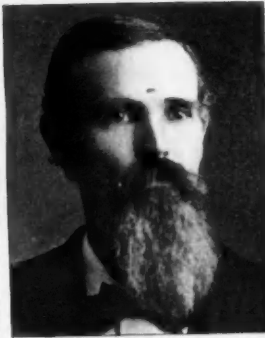
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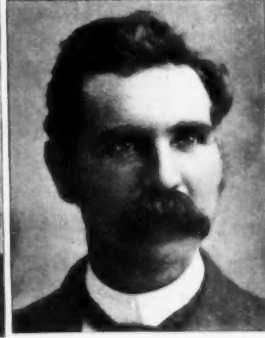
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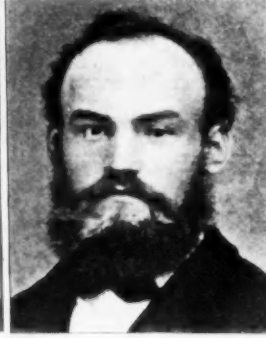
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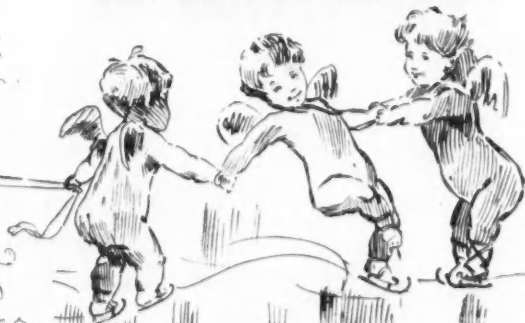
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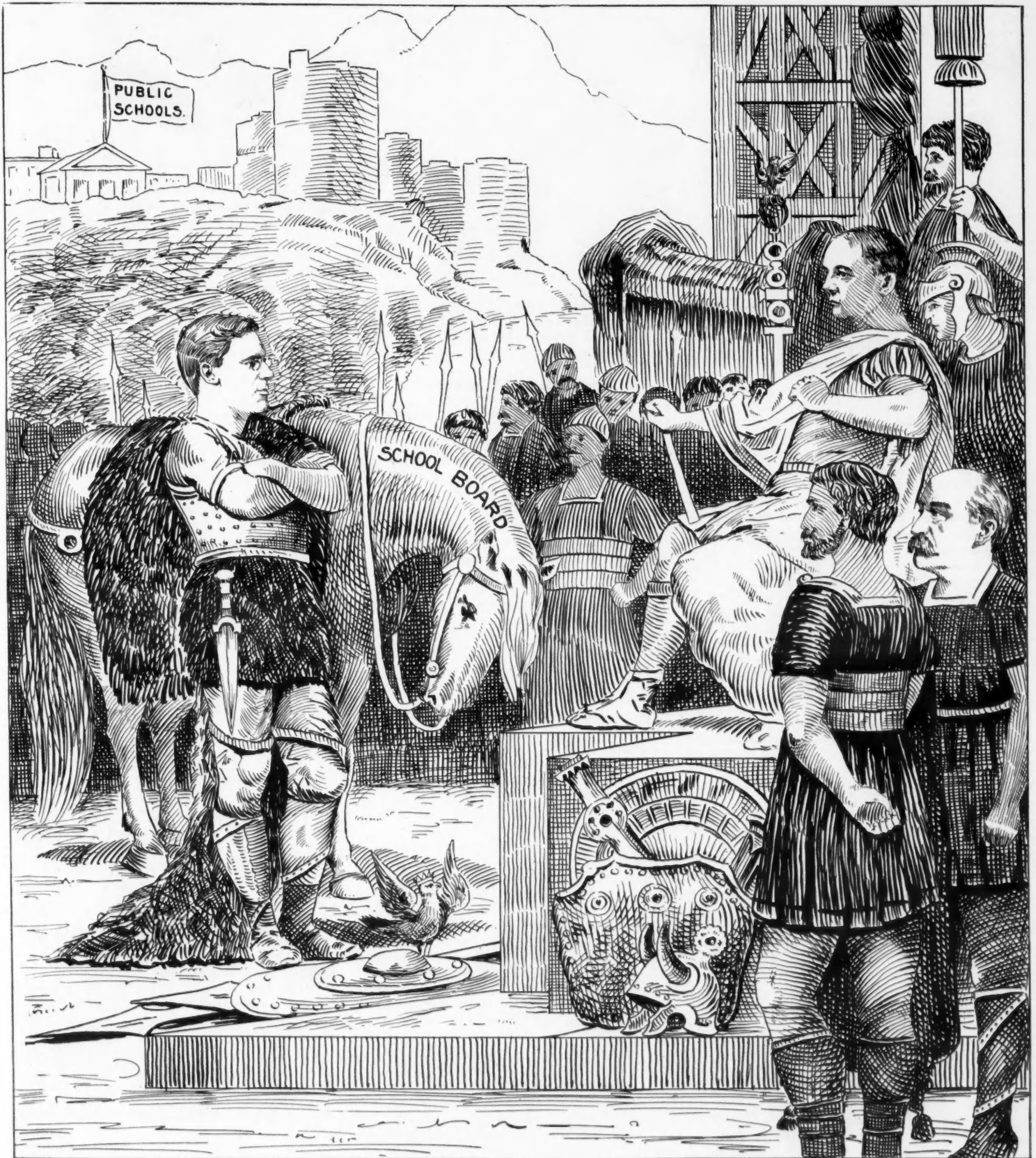
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School Board Journal

VOL. XVIII. No. 3.

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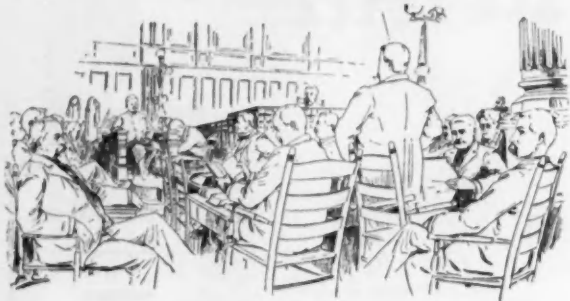
President Graham Harris.

Supt. E. B. Andrews.

DOES IT MEAN A SURRENDER TO CÆSAR?

The present attitude of the Board of Education of Chicago towards Superintendent E. B. Andrews.

School Law.



Iowa. The supreme court has practically decided that a school board has no right to contract with a teacher for a term of years.

Illinois. The supreme court of the state has given the decision that the Chicago board of education cannot stipulate in its contracts that only union labor shall be employed by contractors working for the board, because a public board must make the best bargain it can with the public's money, regardless of private interests.

Albany, N. Y. The boards of education of Poughkeepsie, since 1843, have been renting of various church denominations and individuals school buildings and rooms in which to conduct the public schools of that city, and have been employing as teachers persons who wear the distinctive dress or garb of a religious order. State Supt. Skinner has decided that the school system as it has been carried on must be discontinued, and that the city must own the property in which the schools are conducted, except only in cases of temporary emergency, which are provided for by the school law. He also decided that it is the duty of the board of education to require teachers employed by them to discontinue in the public school room the use of the distinguishing dress or garb of any religious order.

Launcester, O. Charles C. Riebe, who some months ago was declared not a legal member of the board by his colleagues, owing to absence of a record of his naturalization, took the matter into court and has obtained the decision that the action in putting him out was wholly illegal.

Illinois. According to the present school law the parents of children living in one school district who desire to send their children to school in some other district must pay tuition.

Massachusetts. This state is the first to enact a law prohibiting vivi section in the schools.

School Legislation.

Rochester, N. Y. The craze for centralized power has struck this city. The legislature is to be asked to abolish the present board of education, as it is said to be an unwieldy body and does not give satisfaction. A new board is to be created, which shall be composed of seven commissioners of schools, to be elected at large on the general city ticket, and to serve six years. The commissioners to receive a salary of \$100 per month.

Michigan. State superintendent of public instruction, J. E. Hammond, has drafted a bill which provides for a compulsory uniform text book law to be enforced in all schools below the high school. A text book commission is to select a series of books for the state. The commission is to fix the contract price for which the text book shall be supplied in any quantity to dealers and boards of education. The commission is also to fix the retail price for which each text book shall be sold by retail dealers.

St. Louis, Mo. A bill introduced in the legislature provides for the appointment of a commission to examine and report to the next gen-

eral assembly a plan for the state to publish and furnish free the school books used in the public schools.

New Hampshire. The legislature is wrestling with the problem to equalize the school privileges of the towns and cities.

Minnesota. An effort is to be made to secure the passage by the legislature of two separate bills which shall provide for the pensioning of teachers. One bill to establish a pension system for the teachers in the city schools, a small tax being levied upon the teachers' salaries to help create the fund; while the other bill, to secure pensions for teachers of the rural schools, contemplates appropriating the whole fund from the state treasury, because of the smaller salaries received by the country teachers.

Albany, N. Y. The school reform bill, amending the New York charter, fixes the minimum salary to be paid to any regularly qualified teacher at \$600 per annum.

Jefferson, Mo. Dr. Alonzo Tubbs has offered a resolution in the legislature for the appointment of a committee to investigate the question of adopting a state system of text books. He declared the state ought to be independent of the school book publishers. "If we adopt our own text books," he said, "we can say to the book companies, what will you charge to print our books? We won't have to say, what will you charge us for your books."

New Rules and Regulations.

Brooklyn, N. Y. A newly established rule provides that no principal or head of department shall engage in any occupation which will interfere with the duties required by the regulations; nor shall they give private lessons for pay in any public school building at any time. Another rule reads: Should a female principal or head of department become married, her place shall become vacant, but such marriage shall not be a bar to her reappointment in the schools.

Allentown, Pa. Pupils in the high school must attain a term average of 90 per cent., and for all grammar and secondary grade pupils to attain a term average of 85 per cent., in order to be promoted without examination.

Duquesne, Pa. The school board has turned down a proposition to do away with corporal punishment.

Pottstown, Pa. The school board has decided to "demote" pupils who do not make a 70 per cent. average in their studies.

Toledo, O. It has been decreed that the corridors of the public schools shall not be used for dancing.

Meadville, Pa. The school directors have adopted a resolution permitting teachers to whip pupils if it is necessary to resort to such punishment in properly correcting them.

Grand Rapids, Mich. Trustee Bolitho last April secured the adoption by the board of education of a resolution that no more married women should be employed as teachers, and that the action of any female teacher in marrying while in the employ of the board be taken as a resignation. The resolution has been in force ever since its adoption, but the committee on rules has seen fit not to incorporate it in the board's set of rules. Trustee Bolitho is preparing to demand its incorporation, and those opposed to the rule are also preparing, and a merry war is being anticipated.

Nashua, N. H. The rules and regulations relating to cigarettes in the schools read as follows:

"The use of tobacco in any form is most pernicious in its effect, not only upon the pupil who uses it, but also upon those with whom he associates. Particularly is the use of the cigarette condemned, and any pupil who smokes or



L. D. HARVEY,
State Supt. Public Instruction, Wisconsin.

uses tobacco in any form in or about any school building shall be liable to suspension or expulsion. It shall be the duty of all teachers and principals to use every means in their power to detect the use of tobacco by the pupils in the public schools during school hours or to and from school. When a pupil has been found violating the above he shall be subject to rule relating to injurious habits and conduct.

"In all places where the conduct and habits of a pupil are found injurious to associates, it shall be the duty of the principal to suspend such pupils from school, and at once report the case to the parent or guardian and to the superintendent."

Chicago, Ill. The board of education requires that all teachers employed must live within the city limits.

Rochester, N. Y. It has been proposed to provide a force of teachers familiar with the Polish language, and directing the appointment of such teachers to primary grades of the schools in the Polish section.

Grand Rapids, Mich. A rule provides that the superintendent shall hold meetings of the teachers whenever, in his judgment, he shall think it best; and he shall keep a record of the attendance of teachers at such meetings.



Ante-Election Sentiment.

Mrs. Eclair (candidate for the school board)—So you broke the vase at last? How distracting!

Servant—Yes; I was too elated over the thought that you might be elected.

Mrs. Eclair—Oh, well, after all, we can spare that vase.

The Progress of a Year.

WATERVLIT'S OLD AND NEW SCHOOL HOUSES.

Something over a year ago we published a series of cuts showing some of the miserable school houses in which the children were housed at Watervliet, N. Y. The presentation of the condition of these schools seemed at that time somewhat harsh to the members of the board. Its conflict with the state authorities, no doubt, had embittered some of the members. State Supt. Skinner, however, and his able assistant, Mr. A. M. Wright, were firm and insisted upon such improvements as the exigencies of the case demanded.

After the right relationship had once been established the board was found to consist of men who meant well and who would do all that could be expected under the circumstances. Lo, and behold the result! From the low and dilapidated Whitechapel rookeries arose fine, stately and modern school buildings.

While we condemn retrogressive school boards, we also stand ready to pay a proper tribute to boards who redeem themselves and move steadily with the times.

The Watervliet school board and the state school authorities deserve high praise—not only for the architectural monuments they have given their own city, but for the blessing they have conferred upon thousands of tender lives who must spend a greater portion of their time in school houses.

The new school, No. 9, is just being completed. It contains four rooms, is finished in hard wood and is heated and ventilated by the Northcott system. Complete cost, \$10,000.



SCHOOL NO. 10—WATERVLIT, N. Y.

Rented building. No cellar; ceiling of brown paper, held in place with strips of wood.



SCHOOL NO. 9 (b)—WATERVLIT, N. Y.

Entrance for pupils and visitors. Lower floor used for school purposes, upper floor used for tenants. About 100 trains pass this building during school hours. Distance from track not more than forty feet.

Watervliet is a flourishing city of 15,000 population. The citizens have become truly enlivened as to their duty to education, and henceforth progressiveness in the school system is assured.

Lawrence, Mass. The Central Labor Union has requested the board of education to require that all contractors who work on the new high school to pay union wages.



DESIGN FOR NEW NO 9 SCHOOL, WATERVLIT, N. Y.
A. W. Fuller, Architect, Albany, N. Y.



PROPOSED ADDITION TO PUBLIC SCHOOL NO. 1, WATERVLIT, N. Y.
John F. Gunson, Architect, Albany, N. Y.



NEW PUBLIC HIGH SCHOOL, WATERVLIT, N. Y.
John F. Gunson, Architect Albany, N. Y.

Ohio School Board Convention.

MINUTES OF PROCEEDINGS.

All Important Papers and Discussions will appear in the April School Board Journal.

A large gathering of the members of the school boards of Ohio met at the assembly chamber in the capitol building.

Hon. L. D. Bonebrake, state school commissioner, extended a warm welcome to the visiting delegates and dwelled upon the value of state aid in education.

Mr. W. I. Frizell, of Dayton, read a paper on "A Model City School Board."

Gen. J. K. Hamilton spoke of the importance of school boards—more specially in the large cities. The growth of cities has also increased the numerical strength of the boards. He believed that the troubles which arose out of the school board affairs in Toledo were due to the large size. He pointed out the evils of ward representation—local or ward interest superceding the interest of the entire city. He deplored political influence in the selection of a school board. At the same time he pointed out the greater power of the ward alderman and the delegate of a political convention.

The laws of Ohio touching upon the organization of school boards.

At this juncture President Jas. H. Canfield was presented to the audience, and, after extending a welcome, spoke briefly on some of the problems.

The discussion on the papers that had been read were then opened. H. S. Prophet, of Lima, believed in wiping out ward lines. Representation at large should be favored, he held. He favored the paper read by Gen. Hamilton, and condemned that read by Mr. Frizell.

Mr. Weaver, of Dayton, did not believe that a model school board could be found this side of Paradise. He believes in representative boards, large enough to attend to the duties properly. Believed that school board members should be paid—did not believe in doing things cheap. Size does not matter—men—the character and fitness of men counts for more. He did not believe in bi-partisan boards. A man that did not have political color was weak. Partisan effort will produce the best results.

Mr. Surface believed that boards should not be elected on a partisan basis. Corporations select men for fitness and ability. Boards should be selected in the same way. Did not believe in partisan or bi-partisan boards. Boards should be non-partisan.

Mr. Briggs, of Tiffin, believed that politics can never be eliminated in the selection of boards.

Mr. Simpson, of Dayton, defended Mr. Frizell's paper. Failures in school boards have been due to a departure from correct forms of government. The founders of this government had in mind adequate representation. If ward representation is incorrect in school boards, then representation by districts in congress is incorrect. Good men, not systems, are wanted.

Mr. Thomas and Mr. Inman, of Akron, explained the system in vogue in that city.

Messrs. Frame, Kister, Hamilton and Weaver continued the discussion.

Mr. Frizell criticised the Toledo form of school boards. He condemned it because the legislative and executive were placed into one body.

State Supt. Schaeffer, of Pennsylvania, spoke of bi-partisan school boards, which he considered a great evil.

The second session was devoted to a discus-

sion of rural schools. Hon. E. J. Clapp, of Thompson, read a paper on "Centralization of Country Schools," and L. C. Dickey, of Worthington, on "Supervision of Country Schools." The discussion became spirited and proved quite profitable. A number of the leading school board members entered heartily into the effort of bringing out the best ideas.

The following officers were then elected:

President—Dr. J. M. Weaver, Dayton.

First Vice-President—May E. Moore, Xenia.

Second Vice-President—J. F. Herr, Columbus.

Secretary—Arthur H. Inman, Portsmouth.

Executive Committee—Theodore Leonard, Columbus; H. S. Prophet, Lima; Pearl N. Sigler, Dayton.

Committee on Resolutions—W. G. Frizell, Dayton; Chas. F. Inman, Akron; May L. Payne, Maysville, O.; D. M. Kellar, Newark; W. H. Martin, Stark county.

The third session was opened by Mr. P. N. Sigler by introducing Mrs. B. F. Taylor, who read a paper on "A Plea for a State Normal School." She reviewed the establishment and history of normal schools and offered a strong plea of pedagogical training.

State School Commissioner Bonebrake opened the discussion. He held that the teaching life of a teacher is about four years, that children in consequence are largely in hands of inexperienced teachers. The state has been blind to the real needs of state normal schools. Pennsylvania has thirteen normal schools, New York twelve, Indiana, Wisconsin, etc., have a number of normal schools. Ohio has none.

Mr. Mock held that too much was into brick and mortar, and not enough in brains.

Wm. Geo. Bruce being called upon, expressed his surprise that the great state of Ohio was still without normal schools. He believed the value of normal schools was no longer a question, but that ways and means to bring about their establishment should receive consideration. Legislation to bring into realization normal schools could be brought about by this association. One state school board association could do more to bring about school legislation than teachers' associations.

The discussion was continued by several members.

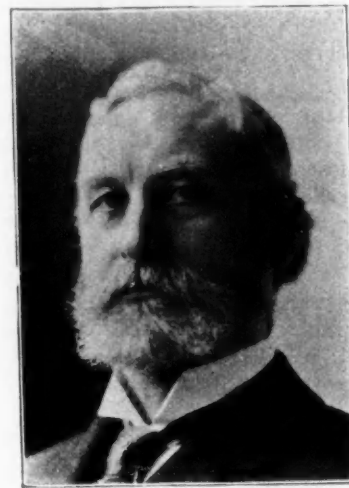
At this point the committee on resolutions reported as follows:

Recognizing the fact that the success or failure of any school depends almost entirely upon the strength or weakness of the teacher, therefore be it

Resolved, That it is the sense of this organization that Ohio should afford her teachers an opportunity for professional training, and we do therefore urge and request our next legislature to pass a bill authorizing the establishment and maintenance of one or more state normal schools.

Resolved, That each county auditor be notified and induced to send out circulars to the different school boards of rural districts, inducing them to inaugurate an annual meeting of the members of the different school boards above mentioned, to meet annually at some central location in said county to discuss questions looking to the betterment of our common school system.

Resolved, That this association extends its thanks to Commissioner L. D. Bonebrake, to



HON. JOSEPH J. LITTLE,
President General Board of Education,
Greater New York.

the officers of this association, and to our speakers for their efforts which have made this meeting so enjoyable and instructive to all present.

W. G. FRIZELL,
CHAS. T. INMAN,
MARY L. PAYNE,
D. M. KELLAR,
W. H. MARTIN,

Committee on Resolutions.

Mrs. Cotton Mather then read a paper on "Are We Educating for Citizenship," in which she pointed out the dangers of illiterate elements, their influence in politics. She dwelled upon the solution by schools.

Dr. J. M. Weaver, the newly elected president, then gave a brief address. Adjournment followed.

The following members of school boards were present:

Eugene C. Wagner, Grove City, O.; Chas. F. Dinman, Akron, O.; J. P. Dugan, M. E. Tyler, Springfield, O.; E. H. James, Milo, O.; Chas. Davis, Franklin Co., O.; S. P. Sult, J. G. Loew, North Bend, O.; W. P. Vest, Worthington, O.; Geo. C. Smith, Alpha, O.; B. Schleisinger, Xenia, O.; J. C. Drumheller, Dublin, O.; D. W. Fortney, Greene Co., O.; G. W. Murphy, A. W. Tunk, Boro, O.; Geo. M. Pontius, W. H. Howard, Circleville, O.; J. E. Froendhoff, J. M. Weaver, D. W. Oldfather, Wm. G. Frizell, Rev. E. C. Simpson, D.D., Dayton, O.; Matt E. Burdett, De Graff, O.; J. H. Hemphill, South Charleston, O.; C. L. Martzloff, Athens Co., O.; Joe M. Fink, Piqua, O.; William Christian, D. M. Kellar, Newark, O.; C. E. Johnson, M.D., D. M. Hussey, Sidney, O.; D. E. Brown, W. M. Hoffman, Champaign Co., O.; L. E. Johnson, H. M. Morris, Clinton Co., O.; J. D. Davidson, Ashland, O.; Samuel Eichenbaum, Chas. H. Bell, Geo. Frash, Corning, O.; Lewis Davis, Franklin Co., O.; A. J. McGrew, Bird Hill, O.; Wm. H. Martin, Stark Co., O.; E. W. Radenbaugh, Reynoldsburg, O.; J. E. Helsel, Zimmer, O.; G. C. Dotson, L. Wooster, J. Katzenmeyer, North Baltimore, O.; A. J. Surface, Logan Co., O.; W. H. Croft, St. Mary's, O.; S. T. Dickeman, Delaware Co., O.; G. D. Collins, Delaware Co., O.; R. L. Lashels, Crawford, O.; E. R. Edwards, Ham Co., O.; Kora F. Briggs, Tiffin, O.; Geo. H. Henkel, Middletown, O.; W. W. Carson, Pickaway Co., O.; W. D. Kissner, Coshocton Co., O.; J. W. Marshall, Muskegon Co., O.; W. E. Guest, Pierce, O.; A. M. Braun, J. A. Peters, Graveport, O.; Franklin Schlott, Stark Co., O.; J. M. Layton, Licking Co., O.; T. J. Lee, Byersville, O.; J. D. Fike, St. Mary's, O.; David Hinton, Owen J. Evans, Stark Co., O.; J. P. Adams, E. G. Middleton, Cuyahoga Co., O.; W. T. Marshall, Cornly, O.; S. G. Park, Rendville, O.; Alex. M. Smith, Fairfield Co., O.; J. K. Hamilton, Toledo, O.; John M. Nutt, Centerville, O.; J. Q. Coover, Spanker, O.; Mary L. Pyne, Lula A. White, Marysville, O.; Henry L. Krauth, Hamilton, O.; C. H. Curtis, Trumbull Co., O.; H. S. Propher, Lima, O.; S. F. Maize, North Broadway, O.; A. H. Bannon, Portsmouth, O.; John Bowman, Vinton Co., O.; C. P. Sonder, Niles, O.; Kate C. Leyden, Bertha E. Nixon, Nan Leyder, Edythe Pierre, Athens Co., O.; A. J. Harter, Delaware, O.; Clara E. Kauffman, Osborn, O.; H. C. Dean, Jamestown, O.; Dr. C. S. Banitz, Middleton, O.; P. N. Sigler, Dayton, O.; Mrs. Cotton Mather, Hillsboro, O.; Mrs. Benj. F. Taylor, Cleveland, O.

All important papers and addresses read at this meeting will be published in future numbers of the SCHOOL BOARD JOURNAL.

The Columbus Meeting.

The school people of Columbus demonstrated that they know how to entertain convention people and that they are possessed of a sincere hospitality. This was manifest on every hand. Supt. Shawan and Hon. O. T. Corson were the directing forces. Their touch, their genial voices, were in evidence.

The Great Southern hotel, where the headquarters were located, was in a rattled condition. Engagements for rooms were broken without compunction, the clerks were confused—and the consequent disappointments among the guests numerous.

The attendance was large. Ohio turned out in numbers and came in delegations from different parts of the state. The South was absent, with the exception of Georgia, where State Supt. Glenn sets a splendid example, was absent. The far West was also absent. The North Central states made up the body of the attendance. Several state superintendents who had accepted places on the program were kept at home by their state legislatures. Supt. Skinner, who is always on hand, was not to be seen. Aaron Gove, however, had come from Colorado. C. L. Greenlee and J. H. Van Sickle, from the same state, made the long trip in order to be on hand.

Dr. Wm. T. Harris, the "grand old man," was here. He captivates the educators, as he always did of old, by his genial personality and magnificent intellect.

The meetings, in point of papers and discussion, were above the average. Some papers were fairly good, while others were exceedingly fine. President Mark made a fine presiding officer, and his cheerful vigor, both physical and intellectual, added much to the general good feeling and interest of the meeting.

The new president of this department is Prof. A. S. Downing, of New York, a splendid choice. The new secretary is Supt. C. M. Jordan, of Minneapolis, who adequately represents the West.

Chicago was chosen for next year's meeting.

Notes on Columbus Meeting.

G. W. Holden, the well-known inventor of the book covers bearing his name, was a prominent figure at the Great Southern hotel. A neat blotter, bearing a patriotic design and the Holden company's name, was handed to educators by some bright lads.

J. M. Olcott, the well-known map and school supply man of New York, was the central figure of groups of educators in the hotel lobbies. When we met Mr. Olcott some years ago he was in his office deeply engrossed in his work, and his conversation, though agreeable, was brief and to the point. Today we saw a different man. A genial man, full of good humor and good fellowship; he was easily a much different person, as he told of some pleasant incident or commented interestingly on some current topic.

Miss Anna M. Thurston, the teachers' bureau lady, was in evidence, occupying one of the hotel parlors at the Southern. Miss Thurston is demonstrating what a woman can do in a business enterprise that requires skill, patience and industry.

Frank V. Irish, the popular author and publisher, who makes Columbus his home, was not as much in evidence at the meetings and in the hotel lobbies as his friends desired. Mr. Irish has been unwell for some months. He is, however, now gaining his old-time health and strength again.

Hon. O. T. Corson, Ex-State School Commissioner and publisher of the Ohio School Monthly, gave a dinner in honor of the visiting editors. Corson is a capital entertainer, a fine story teller and an all-round good fellow.

A center of attraction in the hotel lobby of the Great Southern, was the Crowell Scientific Apparatus. Prof. Crowell, the inventor, was present to explain the apparatus. He had a continuous audience anxious to learn all about the Crowell device.

One of the features of the meeting was the daily appearance of "Bruce's Bulletin," which contained in classified form the arrivals of educators. These Bulletins appeared at noon of each day and were distributed gratis by the publisher.

The city of Des Moines, Ia., was a bidder for the next year's meeting. Supt. F. B. Cooper, however, was obliged to withdraw his invitation, owing to the expected crowded condition of Des Moines next winter when the Iowa Legislature meets.

Pennsylvania Convention.

The Pennsylvania State Association of School Directors met in fourth annual convention at Harrisburg, Feb. 1, 1899. The first session opened at 1:30 o'clock with the registry of delegates. Rev. E. S. Hassler, of Somerset county, said prayer. Hon. J. D. Patterson made the address of welcome, and the same was responded to by I. A. Cleaver, chairman of the executive committee. The greetings and welcome on behalf of the state and city by Gov. W. A. Stone were received with enthusiasm. The address by the president, H. H. Hulbert, of Philadelphia, was also well received. The papers submitted by several directors were discussed, and, after proper disposition was made of numerous questions, the meeting adjourned.

The evening session was opened at 8 o'clock with a selection by a choir. The selection, "Softly Fall the Shades of Evening," was beautifully rendered.

Supt. Anna Bodler, of Potter county, read the first paper of the evening. The subject of Miss Bodler's paper was, "Should We Have Closer Supervision of Our Schools by District Superintendents, and How?" The paper was lengthy and contained excellent food for thought.

Remarks were then made by G. E. Hagenbach, Lycoming county, and Charles C. Pratt, Susquehanna county. After a selection by the choir, Dr. M. G. Brumbaugh, University of Pennsylvania, was introduced. The subject of Mr. Brumbaugh's remarks was "A Good Director and His Duty Today in Pennsylvania." The school director, he said, is by no means the only factor in the system of education. But beside the director we have the teacher and superintendent. The teacher finds it his duty to impart knowledge to the pupils, while the director must supply the material forces which tend to keep the machines in motion and working order. And now the superintendent. It is his function to protect the teacher. Having then these three forces, we must give to the child the best that can be produced and that which the community needs of the child. If a director of schools is a protector, as he should be, he is conservative along certain lines, continued the speaker. It is necessary for him to be so.

Mr. Brumbaugh then said that it pays to trust the enlightened sentiment of the people—not merely the sentiment, but the enlightened sentiment. Directors must be as careful of the state's interests as he is of his own private interests.

In conclusion the speaker said that "we can do for the high school what a generation ago did for the elementary schools." We have not done yet what we should do, or what we must do. We should put the high school within the easy reach of every child.

The second day's session opened at 9 o'clock with a good attendance, in spite of a heavy rain. After prayer by Rev. T. R. McDowell, of Chester county, these topics were discussed: "How Can Public School Libraries Be Organized and Used so as to Meet the Needs of the Pupils as Well as the Citizens of the District?" discussed by Prof. William Howard Day, Harrisburg; J. K. Wildman, Bucks county; Supt. George Brecht, Muncy. "Should Our Normal Schools Do More Pedagogical and Less Preparatory and Academic Work?" discussed by Prof. H. V. Hotchkiss, Crawford; Dr. D. J. Weller, Indiana. "Is There Need of More High Schools Throughout Our State, and What Can and What Should They Do Toward Preparing Teachers?" discussed by Prof. J. Burdette Richey, Beaver county; Dr. G. W. Kennedy, Pottsville.

At the afternoon session the following officers were elected for the ensuing year:

President—Hugh B. Eastburn, Bucks.

First Vice-President—George W. Kennedy, Pottsville.

Second Vice-President—S. J. Garner, Montgomery.

Third Vice-President—Elder Peelor, Indiana.

Recording Secretary—A. G. Gotwals, Chester.

Corresponding Secretary—E. S. Hassler, Somerset.

Treasurer—H. H. Rice, Dauphin.

Executive Committee—W. F. Shay, Northumberland; J. C. Brown, Columbia; W. J. Jennings, Sullivan; J. P. Jackson, State College; Hon. A. L. Allen, Philadelphia; Hon. A. M. Neely, Clarion.

Legislative Committee—Hon. D. P. Garrett, Delaware; J. A. Opp, Luzerne; A. C. La Barre, Northampton; G. E. Hagenbach, Lycoming.

The legislative committee reported endorsing house bill No. 19, extending the school term to seven months and the house bill in committee to limit the state appropriation to school districts to the amount levied by the district during the preceding year for school purposes.

The committee on resolutions, among other things, reported condemning the proposition to provide for a state uniformity of text books and to publish the same under authority of the state, and endorsing the appointment by the governor of an educational commission of eleven persons, of which the superintendent of public instruction and the attorney general shall be ex-officio members, to make inquiries and report to the legislature on the improvement of the organization, administration and management of our system of education.

Forest Park School.

The Forest Park school of Springfield, Mass., contains sixteen rooms, each 28x33 feet, seating fifty scholars. Each is a corner room and is lighted on two sides—that is, from the back and over the left shoulder, and ample black-board space, with separate boys' and girl's dressing rooms. Besides the sixteen rooms on the first and second floors, there are two recitation rooms, with one large room for library and museum, principal's rooms, two teachers' rooms, reception room, and two stock rooms. On the third floor is an assembly room, seating 1,000, and four large rooms for cooking, sewing and manual training. The basement contains separate play rooms for boys and girls, and sanitariums and heating apparatus. The building is heated by steam and ventilated by double fan supply and exhaustion system. The entire cost, including grading and walks, is \$75,000. This was built in nine months, under the direction and supervision of B. Hammett Seabury, architect. The plan was selected in competition with seven Springfield architects.

The Oshkosh public library will be 80x90 feet. Material will be Bedford, Ind., stone. Capacity 75,000 books. Cost of building \$60,000.



C. E. ROBERTSON,
Pres. Board of Education,
Brooklyn, N. Y.



HORACE E. DRESSER,
Vice Pres. Board of Education,
Greater New York.

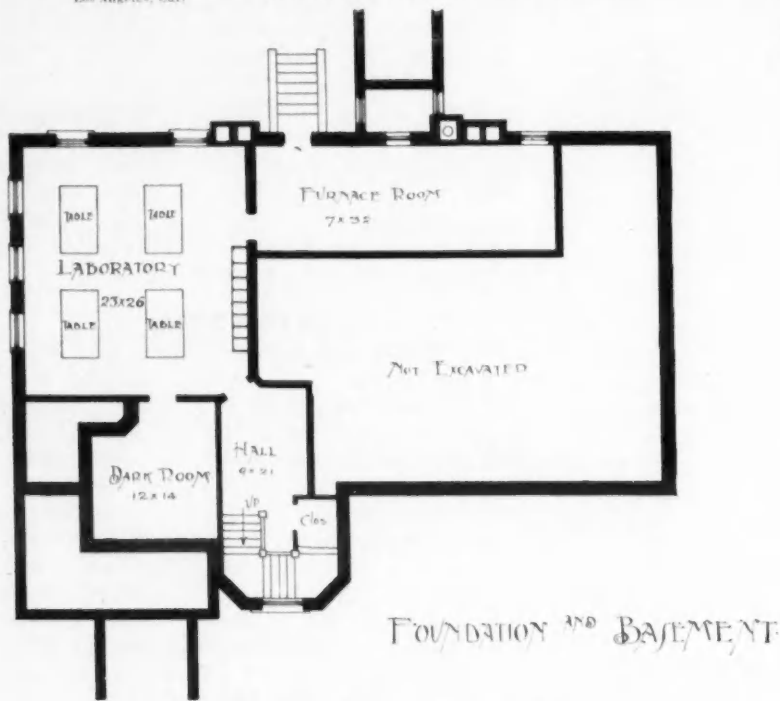


HOWARD & TRAIN, Architects,
LOS ANGELES, CAL.

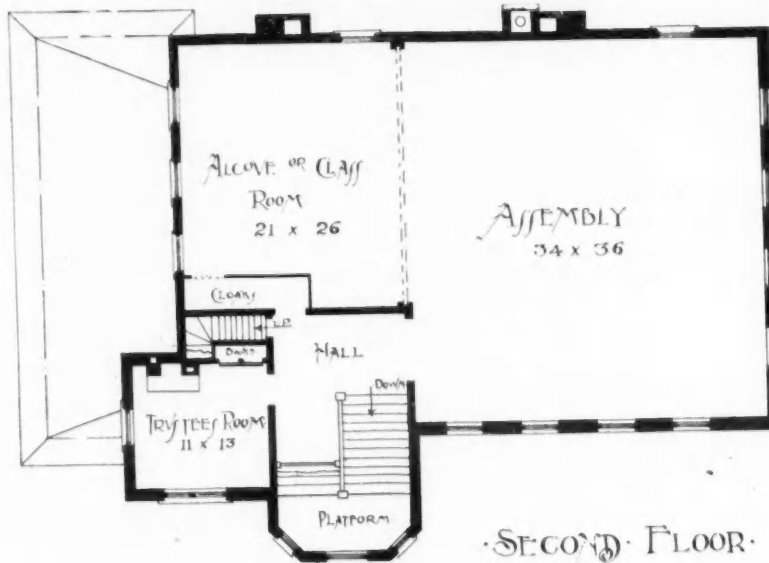
THE FULLERTON, CAL., HIGH SCHOOL.



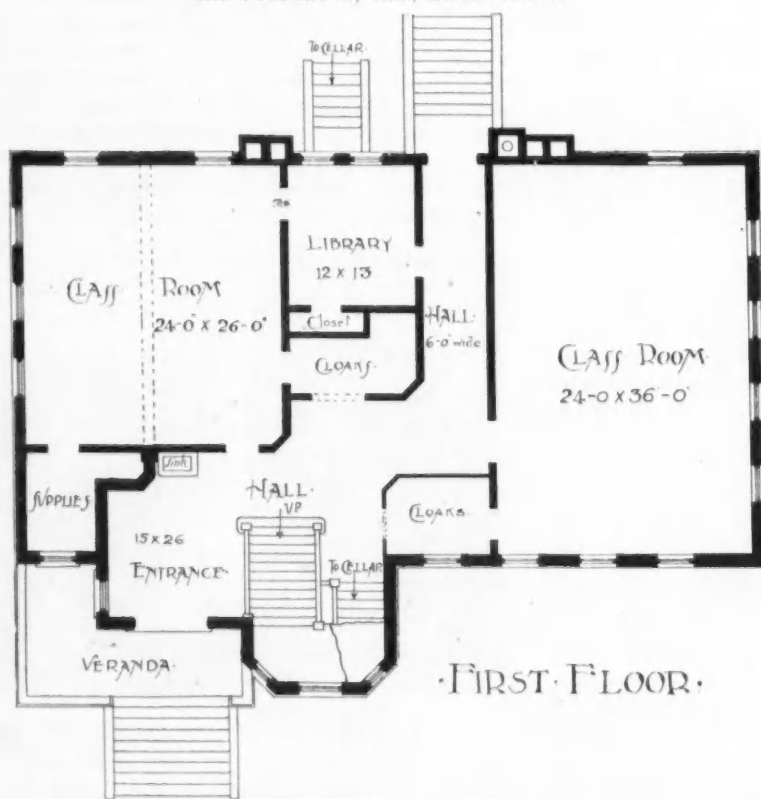
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THE FULLERTON, CAL., HIGH SCHOOL.



THE FULLERTON, CAL., HIGH SCHOOL.

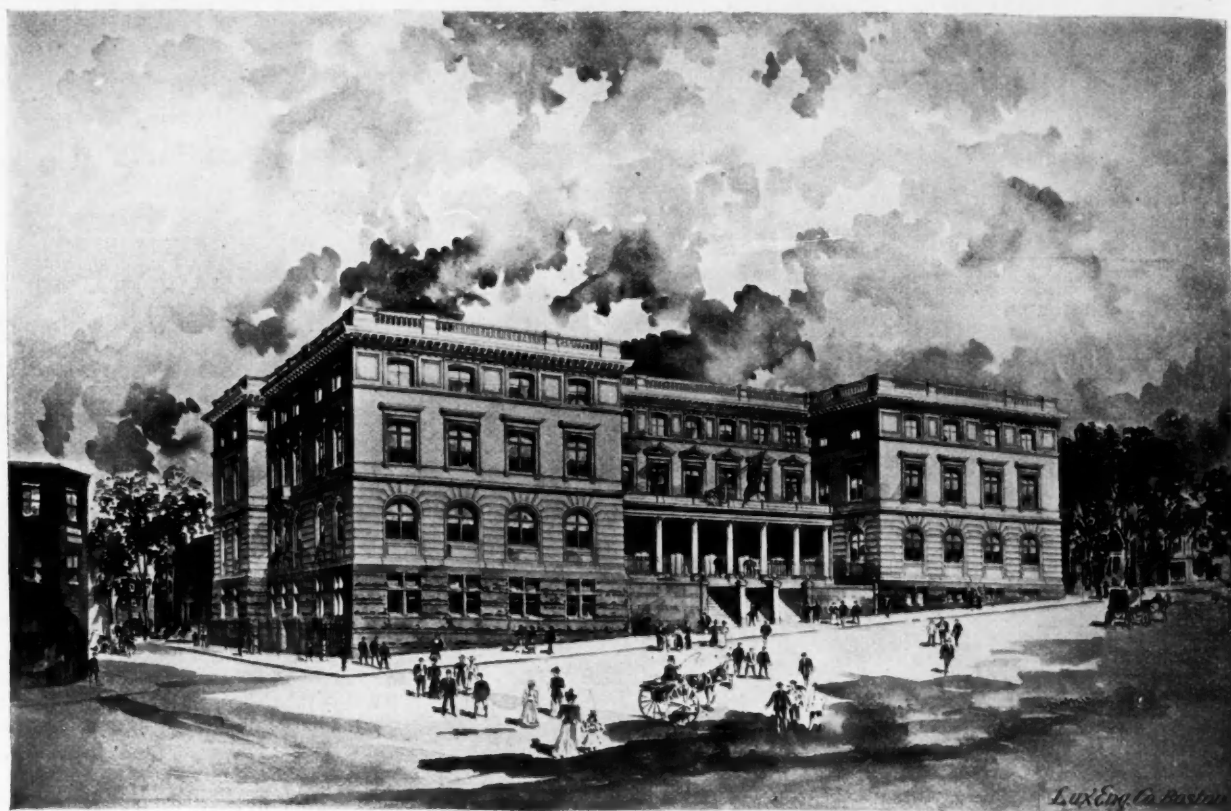


THE FULLERTON, CAL., HIGH SCHOOL.



JOHN F. LAFF, Architect,
Rensselaer, N. Y.

A MODERN SANITARY SCHOOL.



JOHN LYMAN FAXON, Architect,
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EAST BOSTON, MASS., HIGH SCHOOL.



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JOHN M. CURTIS, Architect. ACCEPTED DESIGN FOR HIGH SCHOOL,
SACRAMENTO, CAL.

THE AMERICAN School Board Journal

DEVOTED TO

School Boards, School Officials and Teachers.

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CHICAGO'S SCHOOL REFORMS.

The Chicago Educational Commission, appointed by Mayor Harrison, has finished its work and has made known the results of its labor.

The subjects treated by the commission, some of them at great length, are as follows: Salary schedules of teachers, public kindergarten, commercial training in Europe and the United States, the free lecture system of New York city, vacation schools and play-grounds, compulsory attendance law, parental schools, self-government by pupils, the legal status of the Chicago board of education, a proposed school law for Chicago.

Among the important recommendations made by the commission are: That the superintendent of schools be granted not only the initiative but the determination of all purely educational questions, his actions to be subject to a review only by a large majority of the board of education; that the number of members of the board of education be changed from twenty-one to eleven and appointed by the Mayor, with the concurrence of the city council, the term of office to be for four years; that the function of the board of education be chiefly legislative, the executive work being delegated to the superintendent and the business manager; that the board of education be given power to condemn sites for school purposes, purchase sites and construct buildings independent of the city council.

The report states that it would be wise to offer larger salaries to men than to women in order to attract the former to educational work. The suggestion is also made that married women be not employed as teachers.

TEXT-BOOK AUTHORSHIP.

Omaha has just had its periodical upheaval. The briskness and vigor which pervades the atmosphere of that city, usually finds an outlet for surplus energy in the acts of its public servants. The school board, therefore, becomes just so often the scene of an explosion. An over-active member, an over-zealous news-

paper, several busy-bodies, and an excitement-loving audience completes the whole show.

This time a member preferred charges against the school board for purchasing a lot of geographies at a figure alleged to be higher than the regular market price, and against the superintendent for being in part the author of the text-book. It was also alleged that jobbery existed in the deal. An investigation was called and an exoneration followed.

The only interesting feature of the whole hubbub was the statement that Supt. Pearse had written the chapter on Nebraska which appeared in the geography, conveying thereby the charge that the superintendent was in the employ and pay of the publishing house at the time the book was adopted by the board.

We term this an interesting feature. Perhaps we should say that it is the only feature which is suggestive at least of a discussion with any degree of profit—since the charges against the board and the superintendent and the subsequent exoneration prove and disprove nothing.

The question, however, whether the adoption by a school board of a book of which a superintendent or teacher, while an employe of said board, is the author, compiler or editor, is expedient, has come up again and again. It has always offered plenty of material for argument. The rule that no one in the employ of a school system should be interested in the sale of books and supplies has been adopted by nearly every board. The authorship of a book on the royalty plan, no doubt, implies an interest in the adoption and sale thereof no matter where adopted, whereas the direct sale of manuscript ends the pecuniary interest with the transaction.

A school-master is no doubt flattered by the tender to write a text-book. A certain prestige attends authorship—as it gives the ordinary school-master a chance to expand from his narrow limits into a sort of schoolmaster-at-large. A school board would indeed be considered harsh if it discountenanced effort of this kind by discarding or rejecting a book merely because its author was the superintendent or a teacher in its own employ.

If the author is selected because of his favorable relationship to an important school system, in the subsequent adoption of a book, the transaction is, no doubt, reprehensible. The publisher has created for himself an advantage, fair or unfair, for which he may or may not be criticised. The superintendent, however, has clearly violated his trust.

School books must be written by school men. Authors are selected for their ability in given directions. If a superintendent writes a text-book and his board sees fit to adopt it on the basis of merit alone, there can be no wrong, and no rule should prevent such an adoption. School boards should, therefore, take a broad and liberal view of the whole subject. Not only a good book but the best book should receive recognition, and preference given to local authorship only when other books competing for that recognition are no better—subject matter and price considered.

A FURNITURE TRUST.

The efforts which have been made by leading manufacturers for the formation of a trust which should include the manufacturers of school furniture and school supplies have thus far resulted in nothing. The numerous conferences with trust promoters held at the Waldorf-Astoria in the city of New York indicated success at several stages. All that the scheme lacked was the financial aid to float trust stock. It seemed, however, that the wildest trust stock speculators could see nothing promising in the project, while the conservative investor failed to see permanency and stability.

The project was however taken up on a modified form, and, we are told, has now gone into effect.

On the question of trusts there can be but one opinion in the mind of the average man. Trusts are a curse and should be fought with all the vigor of broad-viewed men. It is not here intended to condemn the men who engage in trust schemes or who sell out to trusts, as it is to contend against the principle of trusts. The law of self-preservation prompts every man to do that which promotes his own interests. The system or scheme, however, under which it is made possible to centralize numerous commercial and industrial interests into one impenetrable power, thus enabling a monopoly, is reprehensible.

Time will evolve ways and means to rid the country of this as it has of other evils. But it is not our intention here to treat in a speculative sense the whole subject from an economical standpoint. It is simply intended to discuss a present or prospective condition of an industry in which our constituency is vitally interested.

The school boards want to know whether a monopoly of the school desk industry is intended. The business and professional people comprising school boards are interested. The welfare of the schools is in a measure at stake. Hence the right of inquiry.

As has been stated in these columns before, the regulation of an industry, in order that certain abuses may be eliminated, is welcomed. Manufacturers should receive an adequate return for their investment, as well as a fair remuneration for their efforts. To that end all fair-minded school officials will sanction regulation. For past sins the manufacturers themselves are to blame. Common business ethics could have assured reasonable and satisfactory profits to all manufacturers. Senseless rivalry, however, has been the rule rather than the exception, and unscrupulous and grasping manufacturers and agents have deprived the decent competitor from a just share of business. The result in these deplorable contests has been that no one has earned a profit, but that every one who has engaged in them has suffered loss.

Therefore, gentlemen, regulation, and not monopoly, is desirable. Regulate your business so as to stop abuses not progress in an industry; strive for the right price for your



HIGH SCHOOL DESIGNED FOR SPRINGFIELD, MASS., AND DESIGNATED "THE POSSIBLE FUTURE."

goods, not for an excessive one; strive for an understanding, not for a monopoly.

We shall watch further developments, and the school boards of the United States shall be kept informed.

SCHOOL BOOK LEGISLATION.

The tendency to centralize power in school life is not confined entirely to the creation of high-toned, salaried school boards, in the larger cities, but extends as well to a monopoly of power governing the smaller school systems.

Bills are introduced in the various legislatures which aim to alleviate alleged oppression in the adoption and purchase of school books, school supplies, etc. Uniformity of text-books is one of the remedies offered; state adoption of school books is another, and the publication of school books by the state is still another. All these measures are accompanied by the shop-worn argument that somebody is making a whole lot of money out of the schools, and that that sort of thing must be stopped.

The various schemes looking toward a remedy, do not, however, curtail so much the cost of books, even were they too high, as they curtail the rights of the people. They do one thing with certainty—centralize power. In-

stead of allowing the people to decide through their several school boards what kind of books they want—a small commission of distinguished gentlemen is to do the thinking for everybody and decide for everybody—and compel everybody to do as they decide. That is the ultimatum of all these schemes.

It is not intended here to champion the cause of publishers. They require no champion. They take care of themselves. Their business is a commercial one, like any other. They make books for the market. Competition attends their efforts as it attends other lines of trade. A board can reject the wares of one house, and buy those of another. The variety of goods, together with the prices, offer plenty of choice. The professional factors in a school system, together with the school board, are always able to come to a determination. Most of the modern and popular text-books are good. Few of them are really bad.

This tendency toward paternalism is manifested whenever over-zealous men are to the front. The legislative halls are, perhaps, just now, the favorite forum for those who believe that the country will go to the dogs if the rights of the people are not speedily curtailed. Democracy is lauded to the skies and in the same breadth pronounced a failure.

The public school system owes its foundation to the democratic spirit which prevailed among the people during the earlier history of this country. Its growth has been due to this same spirit. Paternalism and centralization of power will benefit the few—but not always the many. That holds good in the government of our schools as well as in any other kind of government.

EDUCATORS AS PUBLIC SPEAKERS.

It is a remarkable fact that many of the ablest educators are the most tiresome public speakers. This is demonstrated again and again at educational conventions.

A book noticed in our review column recently calls to mind a remark that Chancellor Upson, when professor in Hamilton college, used to make to his class in rhetoric.

"Whenever you see a public speaker beginning to talk very loud and fast and gesticulating widely, you may take it as a sure sign that he is getting out of ideas."

And we have seen learned men in conventions devoted to the consideration of scientific subjects, laboring so hard to express themselves that they become tiresome. They often begin with a very long preface explaining their want of preparation, they hesitate in their words, repeat, and fill their sentences with "ahs" and "aws." And these men are in the habit of lecturing to classes in colleges and universities.

An important end to be aimed at in the recitations in the schools is the habit of free, easy and correct speaking. This is one of the purposes of the topical recitation. Instead of getting the subject matter of the lesson out of the pupils by question after question, let them be taught to tell it freely. The school-master should himself practice what he exacts of his students.

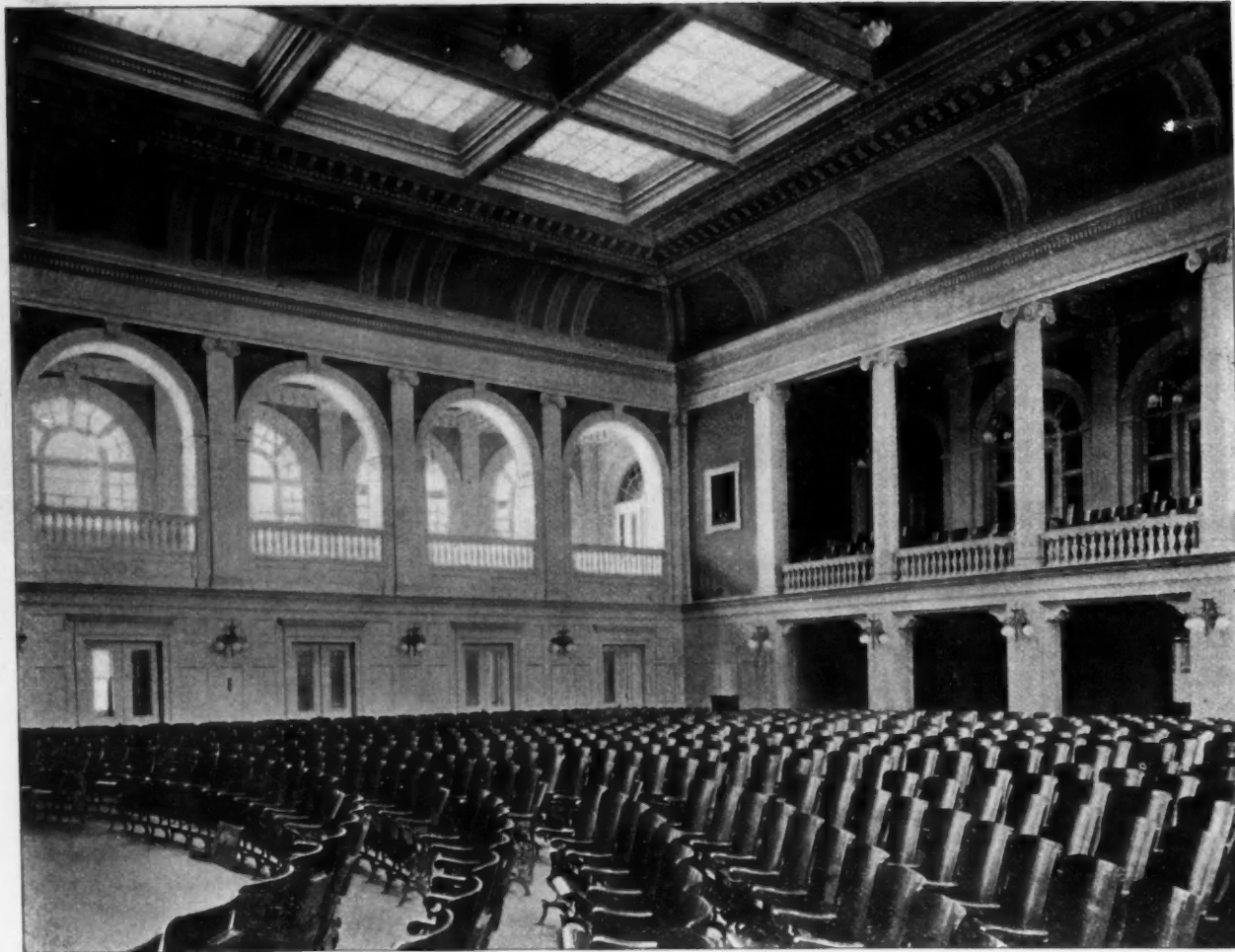
And public speakers and scholars who have something worth telling to the public, owe it to their audiences to be able to express their thoughts in a clear, logical, agreeable manner. The school-master is a public speaker at all times.



HON. H. W. C. SHELTON,
President Board of Education, Tahlequah, I. T.



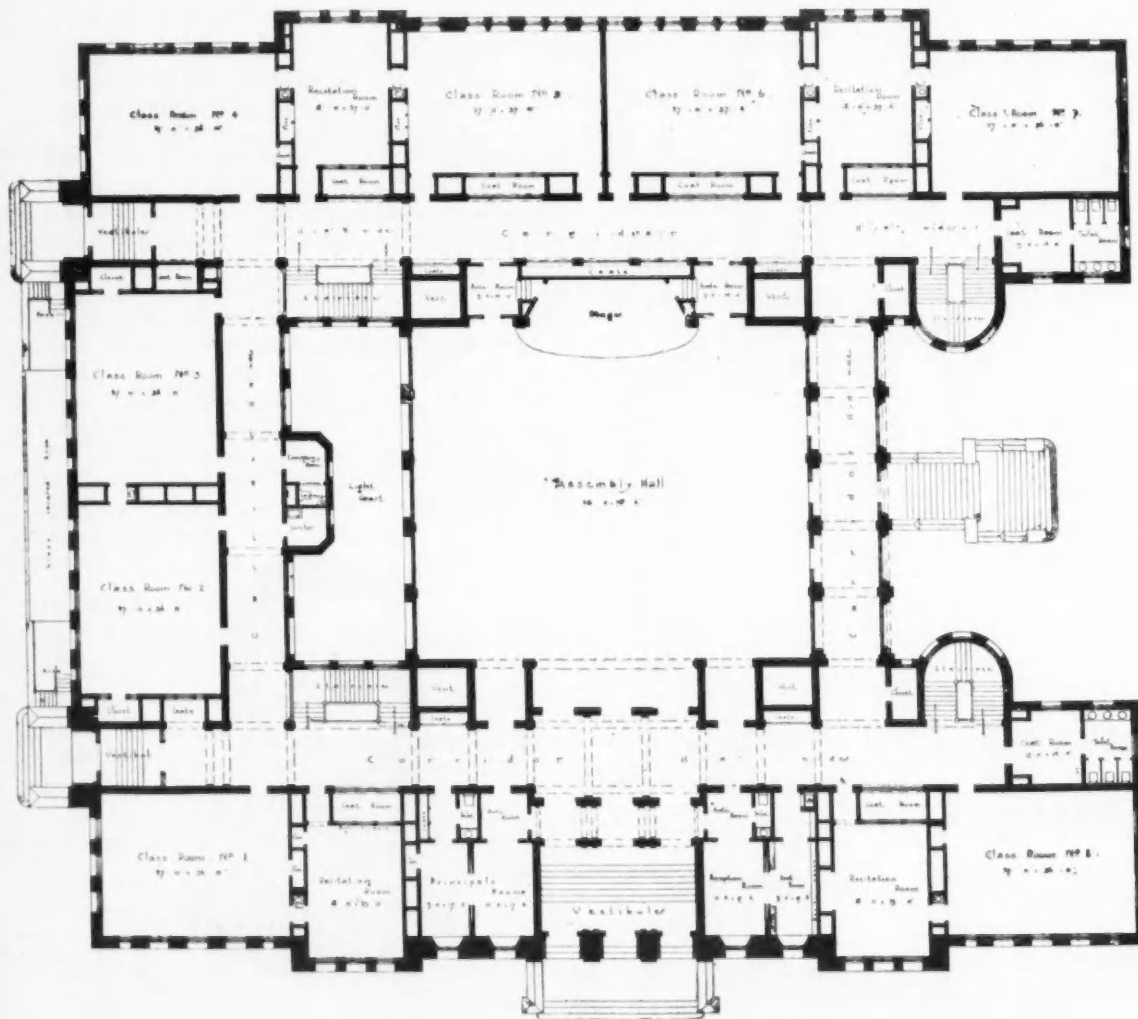
HON. J. J. DOYNE,
State Superintendent of Public Instruction, Arkansas.



THE ASSEMBLY HALL. SPRINGFIELD, MASS., HIGH SCHOOL.

When boards of education are contemplating the erection of new school buildings, they should be most careful in the selection of plans. There is constant progress going on in the

planning of school buildings. Boards of education can be instrumental in advancing still more this progress by seeking the architects who make a specialty of school house drawing.



FIRST FLOOR OF HIGH SCHOOL, SPRINGFIELD, MASS.

The Fullerton High School.

HOWARD & TRAIN, ARCHITECTS,
LOS ANGELES, CAL.

(See Page 6)

This building is built in Fullerton, Cal., thirty miles north of Los Angeles. It is built of brick, very substantially, and finished inside with Oregon pine, C. F. Weber & Co.'s black-board, and heated with F. E. Browne's furnace.

Lavatories are outside the building, thirty feet to the rear. It is wired for electricity. The building is arranged inside for the accommodation of 150 students and fitted up in the most modern style and convenient manner to conduct the highest high school courses. Rooms are quite high and airy and well ventilated. Style of architecture is renaissance. Cost nearly \$10,000.

East Boston High School.

(See Page 7)

In this building the second floor is substantially the same as the first, except that there is a large library over the reception room, vestibule and master's office. The third floor is given up entirely to laboratories, and the basement to locker rooms, baths, sanitariums, lunch rooms, boiler rooms, etc., and drill hall. The drill hall extends half way up through the first story, and the exhibitor's hall up to roof of main building.

The building is practically on street lines on three sides and touches the lot line in rear. The lot is rather a restricted area for so large a building, but was the best that could be secured. The desideratum was to get as much light and as much sunlight into all possible parts of the building, and practically—aside from the drill hall—the only rooms which do not get sunlight some parts of the day are the middle rooms on the north side and the lowest rooms on the northwest corner of the building. In other words, all rooms except seven out of fifty get sunlight at some hour.

The building accommodates 672 pupils, and will cost from \$235,000 to \$240,000.

New High School, Burlington, Vt.

W. R. B. WILCOX, ARCHITECT.

(See Page 7.)

The handsome new high school building at Burlington, Vt., will have three stories with dimensions of 120x160 feet, and is to be constructed of granite for the basement and light pressed brick with terra cotta trimmings for the superstructure. The interior finish is to be of quartered oak throughout. In the basement provision is made for a gymnasium, toilet and bicycle rooms. Each of the three floors will contain four class rooms and two smaller rooms for recitations. Aside from these, on the first floor there will be offices for superintendent, commissioners, principal and teachers; on the second floor, the school library and retiring rooms; and on the third floor, a draughting room, lecture hall and laboratories. A large assembly hall, with seating capacity of 600, occupies space through both first and second stories. The corridors will be spacious and well lighted and are to be provided with ample cloak rooms. The approximate cost is \$100,000.

A Modern School House of Learning.

Time and again we have heard school boards question the wisdom of erecting elaborate and expensive high school buildings. Yet whenever school authorities have ventured beyond the ordinary limits in point of architectural richness, space and equipment—an almost universal approval, as the accruing advantages developed, has followed. Much may be said as to the relative cost and relative needs of high schools, the fact remains, however, that the former must of necessity be more elaborate in every way.

A fine structure is not only a source of local pride, and a stimulant as well as aid to educational effort—but a source of material advantage to a city. This fact has clearly been demonstrated by the magnificent high schools of Denver, Col.; Duluth, Minn.; and Dayton, O. These cities have for some years been the center of pilgrimages for school committees from everywhere, while their educational advantages have attracted valuable accessions in the way of capital and population. These fine structures have advertised these cities more than any one other feature.

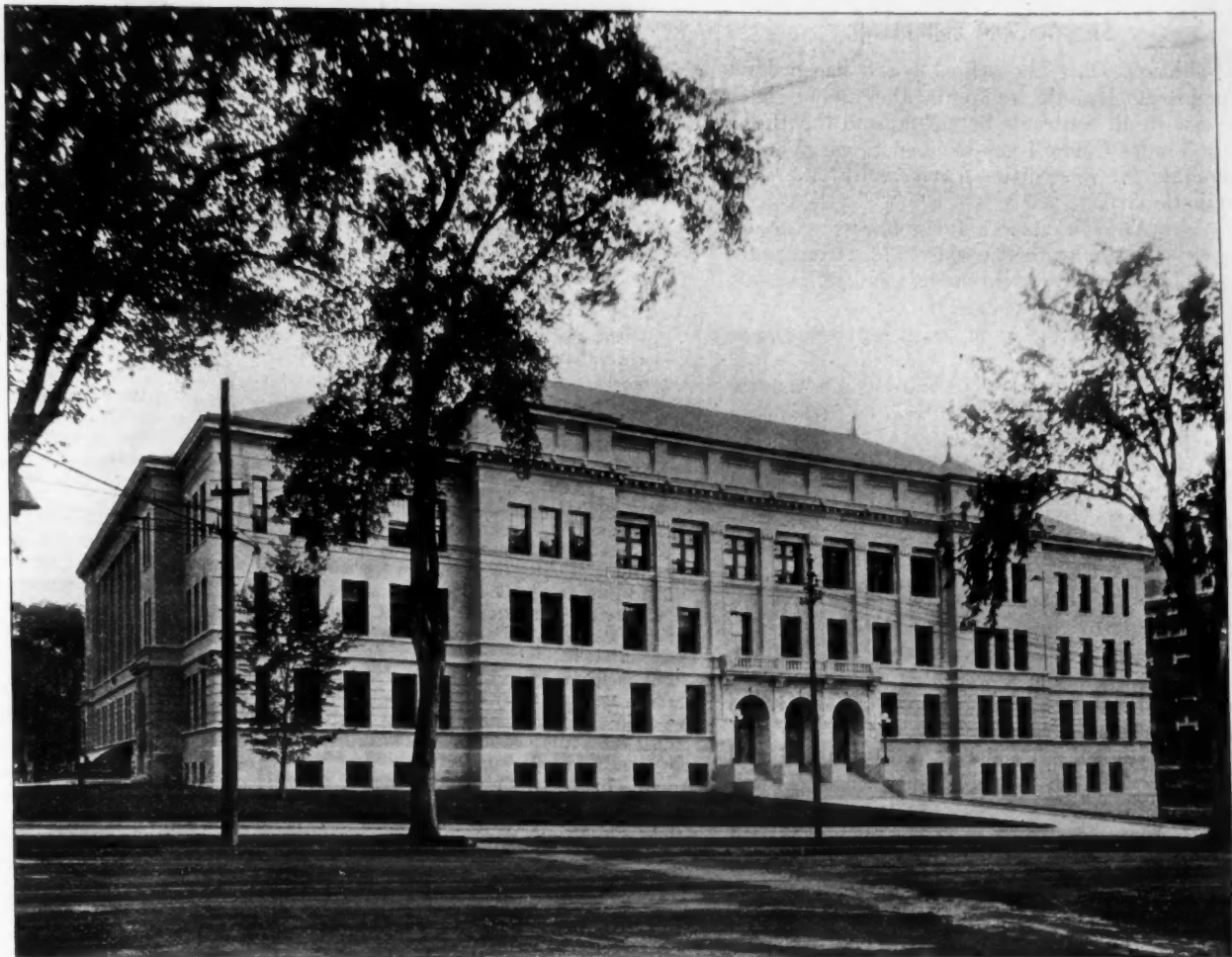
When Springfield, Mass., realized a few years ago that it needed a high school building, it concluded in due time that it must be a good one. Similar sized cities would have spent \$100,000 for a high school and believed themselves liberal and progressive. Springfield spent \$300,000 and we believe that it got the worth of its money. The tax payers of that city made a wise investment. Time will verify this prediction.

The educational atmosphere of Springfield was favorable for a building of this kind. It is in many ways an educational center—and for its size and population perhaps the largest. Here the famous Webster International Dictionary is published and distributed to all parts of the world. Here may be found the Milton, Bradley Co., the largest kindergarten publishing and manufacturing concern in the United States. Here may be found the preserver of text-books, G. W. Holden, the famous inventor and manufacturer of the Holden patent book cover. Here also may be found King Richardson & Co., the publishers of an educational music system, used in hundreds of schools. And so on, a number of institutions may be enumerated which, while commercial in a sense, contribute in no small way to the educational standard of the community.

Few cities ever took up the subject of school house building in a more careful and methodical manner than did Springfield. A building commission, consisting of the most practical men, who may at the same time be designated as the leading citizens, was appointed to take up the matter. The result was not only one of the handsomest school buildings in the United States, but a structure that, in point of convenience, equipment and general utility stands at the head of modern American school houses.

The commission consisted of Louis C. Hyde, chairman; Frederick Harris, secretary; Orlando M. Baker, Jason Perkins, and Jas. B. Carroll.

Our readers will recognize among these names that of O. M. Baker, who is one of the publishers of the Webster International Dictionary, a man



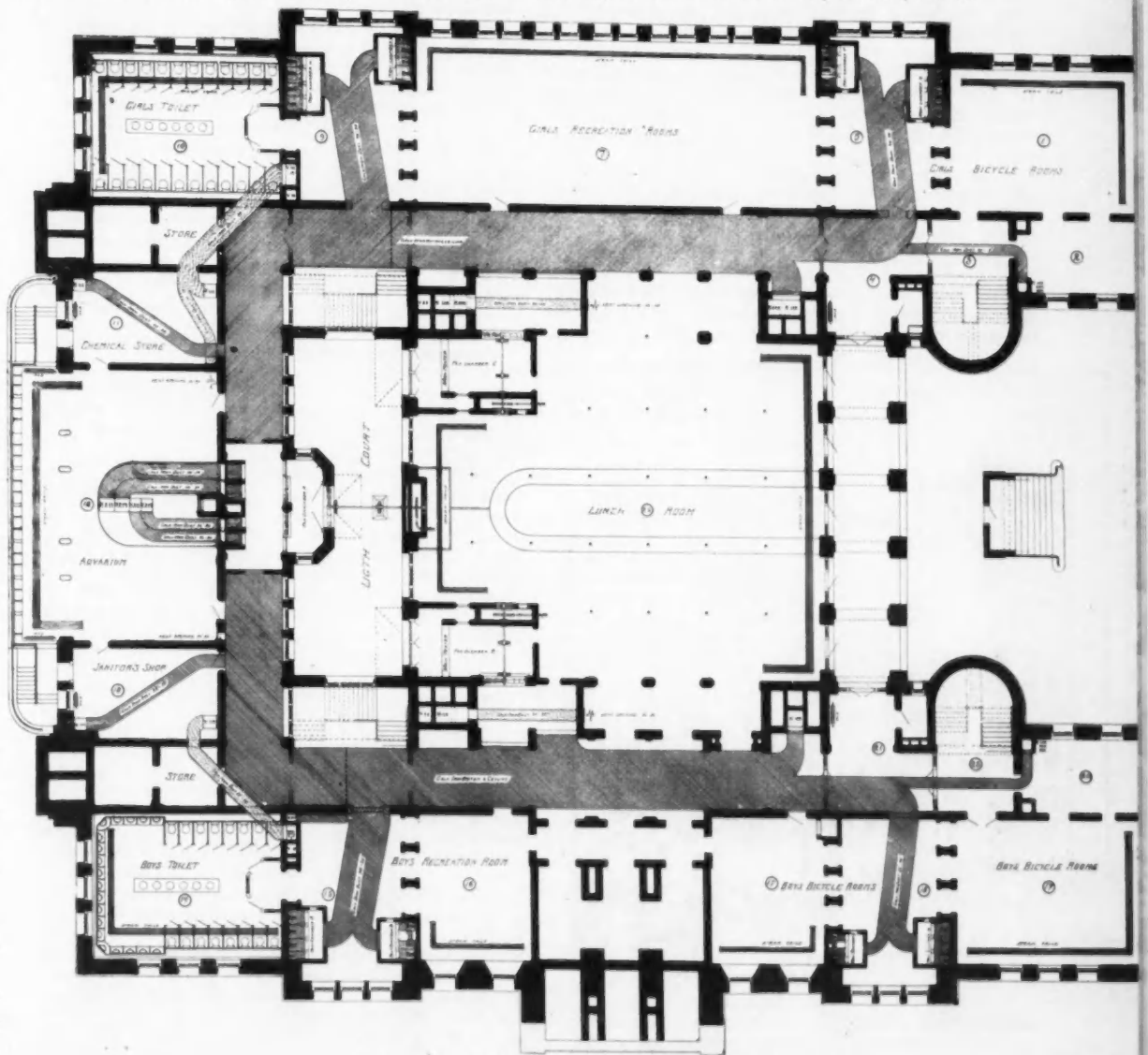
THE HIGH SCHOOL IN THE CITY OF SPRINGFIELD, MASS.

widely known among the educational people in the United States.

The original amount appropriated was \$250,000. This was increased to \$300,000. The work

began in March, 1897, and last September the building was occupied.

The architects are Hartwell, Richardson & Driver, 62 Devonshire street, Boston, Mass.



BASEMENT OF HIGH SCHOOL, SPRINGFIELD, MASS.

Supplies and Equipment.

Chicago, Ill. The school board has ordered Architect Mundie to omit the union labor clause in all contracts hereafter, and the Building Trades Council has decided to carry on its struggle for recognition by means of the sympathetic strike.

Columbus, O. Desks for the new east side high school manufactured by E. H. Stafford & Co. The company secured the contract through their agent, L. W. Sheppard.

Oswego, N. Y. School desks purchased from Randolph McNutt.

Chicago, Ill. The A. H. Andrews Co. was the successful bidder for the contract to furnish the schools with desks this year.

Wilkesbarre, Pa. School desks purchased from the Manitowoc Seating Co.

Fostoria, O. The board of education has decided to replace all double seats in the schools with single ones.

Clinton, Ia. School desks purchased from the United States School Furniture Co.

Plainfield, N. J. The contract for furnishing and seating the new school awarded to the Grand Rapids School Furniture Co. of Grand Rapids, Mich.

Chicago, Ill. Teachers' tables purchased from the Wabash Church and School Furniture Co.

Grand Rapids, Mich. Desks manufactured by the Hancy School Furniture Co. purchased.

Baltimore has three large school supply houses. They are W. J. C. Dulaney & Co., the J. W. Bond Co., and J. H. Medaury & Co. They are all large concerns and apparently prosperous. Their trade is mostly confined to the state of Maryland. Mr. Dulaney, of the first firm, is an active member who understands the school supply trade. In the last-named firm Mr. Medaury is the head and active man. In the J. W. Bond Co. a Mr. Graves seems to be the guiding spirit.

Freeman's Plant Study, combining herbarium and plant analysis, published by J. M. Olcott & Co., is having a large sale. Space is given for mounting and fully describing fifty-one botanical specimens. The publishers will send copies for examination free to those interested.

The board of education of Toledo, O., Jan. 28 voted to cover their city text books, and ordered another large supply of the Holden Patent book covers, manufactured by the Holden Patent Book Cover Co., Springfield, Mass.

A large and useful calendar, artistically designed and printed, has been issued by Peckham, Little & Co., 9 Clinton Place, New York city.

The drawing tables manufactured by the F. W. Emerson Manufacturing Co., Rochester, N. Y., are now being used in many of the leading schools and colleges.

Fire which broke out last month in the rooms of the Central School Supply Co., on the fourth floor of the Atlas block, Randolph street and Wabash avenue,

Chicago, caused a damage of \$2,000. It was caused by a gas jet igniting some paper on a shelf. The flames spread quickly, but were discovered by T. L. Haines, treasurer of the company, who gave the alarm.

Paxton, Ill. Rice Collegiate Institute has purchased a Smith-Premier typewriter.

Supt. W. N. Hallmann, of Dayton, O., in speaking of the waste poke manufactured by Hess & Curtis, of Warsaw, Ind., says: "I look upon the waste poke as a most valuable addition to school furniture, an encouragement to habits of order and cleanliness on the part of pupils, which must prove of inestimable benefit wherever it is used. I congratulate the inventors upon the thought, foresight and conscientiousness manifest in its excellent construction."

Spearfish, S. D. The supplies for the state normal school were obtained of E. W. A. Rowles, Chicago.

Attention is called to the patriotic firm of J. A. Joel & Co., whose flag list will be found on another page, on account of the reduction in the price of bunting, the prices in this issue have been reduced over 10 per cent., and their reduction brings the prices of flags lower than any other firm. These flags are made in every respect in conformance with the government rules and specifications, the bunting is of the best all-wool, and colors guaranteed, and are made strong and durable. The senior member of the firm served in the war of 1861, while the junior member served in the war of 1898. Both having fought for Old Glory, they feel that our flag should float from every school house and every home on all holidays.

Philadelphia, Pa. The board of education has added a Smith-Premier typewriter to the large number already in use in the public schools.

Last week the board of education of New York city sent their second order of this year to the Holden Patent Cover Co., Springfield, Mass., for book covers for their school library books.

Lamoni, Ia. Two Smith-Premier typewriters have been added to the equipment of the Graceland college.

Denison, Ia. The directors of Denison normal school have purchased a Smith-Premier typewriter.

E. G. Dann & Co., 17-21 Quincy street, Chicago, make a specialty of outline blackboard maps. These cover every state in the United States and every country in the world. The demand for these maps has been most gratifying to the firm. The teachers find them useful and economical, and school boards have, therefore, ordered them freely.

Marquette, Wis. Supplies purchased from E. W. A. Rowles, Chicago.

Ashland, Wis. E. W. A. Rowles, of Chicago, furnished supplies.

The city of Philadelphia, which have adopted the "Holden System for Preserving Books," ordered a large supply on Feb. 6 of the Holden Patent Book Cover Co., Springfield, Mass. It seems that this system, which takes care of the outside of the books with a waterproof material, and the inside with quick-repairing material for fastening in loosened leaves and mending torn leaves, has been found to save the text books to such a large degree that the adoption of this system is going on almost every day in all free text book communities.

Logansport, Ind. A Smith-Premier typewriter has been purchased for use in the commercial high school.

A. J. C. Foye, who has had charge of the office of the Dixon company for the past eighteen years, retires, and John M. Ready succeeds him.

Chatfield, Minn. Paper and pencils ordered of E. W. A. Rowles, Chicago.

The McShane Bell Foundry, Baltimore, which makes a specialty of school and church bells, has recently been awarded contracts for large bells at Quakertown, Pa., and Whitinsville, Mass.

Sault Ste. Marie, Mich. E. W. A. Rowles, of Chicago, has just completed the furnishing of slate blackboards for school building.

A. B. Ramsey, the Pennsylvania manager for Thomas Kane & Co., makes his headquarters at 122 Market street, Harrisburg, Pa. Mr. Ramsey is an energetic man, who never fails in looking after the interests of his firm, whose goods are worthy of the best effort.

Racine, Wis. School supplies purchased from the Central School Supply House of Chicago.

Dayton, O. The Prang drawing material is being used in the schools.

Pittsburgh, Pa. Two Smith-Premier typewriters have been purchased for use in the Pittsburgh academy.

Peoria, Ill. Blackboards furnished by the A. H. Andrews Co. of Chicago.

Washington, D. C. Representative Davis, of Florida, wants to supply a map of the United States, known as the "land office map," to nearly all the public schools throughout the country. He has introduced a bill in congress authorizing the printing of enough of these maps to supply 100 for every congressional district in the United States. They are to be distributed by the representative of each district. This map, which was printed two or three years ago, is considered to be one of the best which has ever been gotten up by the government. It is not only first-class in every respect, but it shows the territory comprising the original thir-

teen states, the province of Louisiana, ceded by France in 1803; the Gadsden purchase, the territory ceded by Mexico in 1848, and the annexation of Texas in 1845. There has been such a demand for this map that the supply has become exhausted.

Fremont, O. Supplies for high school laboratory purchased from the Central School Supply House of Chicago.

South Lancaster, Mass. A Smith-Premier typewriter has been added to the equipment of the South Lancaster academy.

The Jos. Dixon Crucible Co. advise us of a change in their New York office, A. C. Foye, who has had charge of it for eighteen years, retiring. He will be succeeded by John M. Ready, who joined the staff of the Dixon Co. in 1885, and is perhaps the best known pencil salesman in the United States.

Memphis, Tenn. Chalk dust is one of the problems that the board of education is struggling with. The board has been experimenting with dustless chalk and has found it more satisfactory than other kind of chalk. The cost is, however, considerably more, and it is this that causes indecision on the part of the board.

Lake City, Minn. Drawing paper procured from the Central School Supply House.

Osage, Ia. The directors of Cedar Valley seminary have purchased a Smith-Premier typewriter for use in that institution.

Burlington, Ia. The Prang drawing material is used in the schools.

Brooklyn, N. Y. Two Smith-Premier typewriters have been purchased by the board of education for use in the public schools.

Lincoln, R. I. School supplies purchased from J. L. Hammett Co.

Milwaukee, Wis. Drawing material purchased from the Prang Educational Co.

Fredonia, Pa. A Smith-Premier typewriter has been added to the equipment of the Fredonia institute.

Brooklyn, N. Y. Business forms for the business department of the high school purchased from Williams & Rogers.

Chicago, Ill. The board of education purchased blackboards from the Standard School Furnishing Co., venetian blinds from H. B. Dodge & Co., and microscope from Alfred L. Robbins Co.

Mason City, Ia. A Smith-Premier typewriter has been purchased for use in the Southern Normal college.

Grand Rapids, Mich. School supplies purchased from the School and Office Supply Co.

Milwaukee, Wis. Chemical and science apparatus procured from Alfred L. Robbins Co. of Chicago.

Dixon, Ky. A Smith-Premier typewriter has been added to the equipment of the Dixon high school.

Boston, Mass. A Smith-Premier typewriter has been purchased for use in the Sisters of Notre Dame Parochial school.

The following school supply firms were represented at the Superintendents' Meeting, Columbus:

Milton-Bradley Co.—W. W. Tapley, Springfield, Mass.; W. H. Johnson, H. H. Johnson, Marion, O.; H. M. Christ, New York.

Thomas Charles Co.—W. T. Dix, Chicago.

Holden Patent Book Cover Co.—G. W. Holden, president, Springfield, Mass.

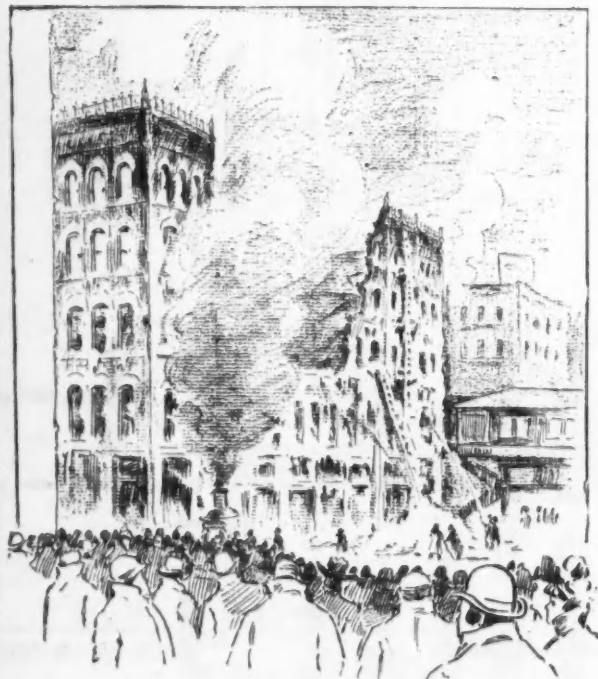
Joseph Dixon Crucible Co.—Geo. Howard Reed, Jersey City, N. J.; Dudley A. Johnson, Chicago.

Esterbrook Steel Pen Co.—Harry C. Sharp, New York.

The Crowell Apparatus Co.—W. E. Crowell, manager, Indianapolis, Ind.

The Educational Association—F. Marion Woods, manager, Chicago.

J. M. Olcott & Co.—J. M. Olcott, manager, New York.



DESTRUCTION BY FIRE OF A. C. McCLURG'S ESTABLISHMENT, CHICAGO, FEBRUARY 13.

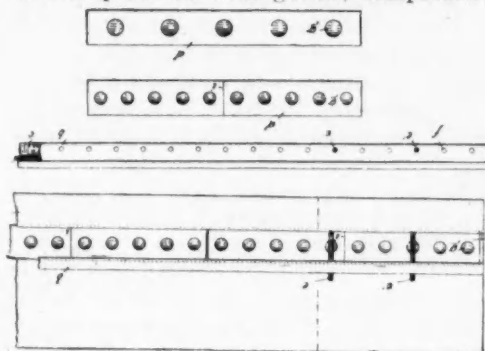


THE LATE M. H. PUTNAM,
Of Potter & Putnam, New York City.
Died Feb. 14, 1899.

Patents.

EDUCATIONAL APPARATUS. William Paul, Langen Swalbach, Germany.

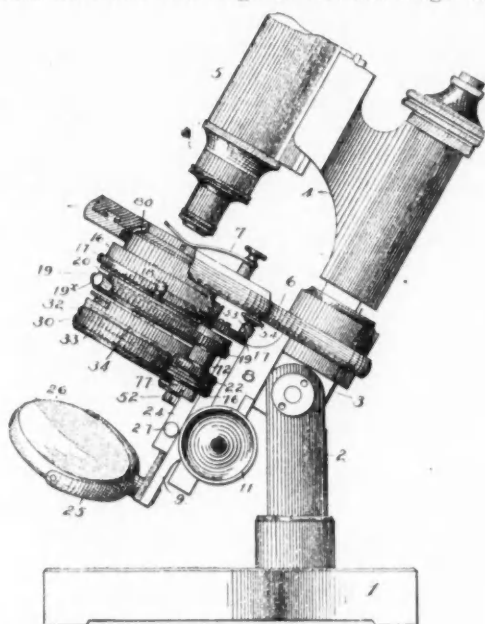
In an educational apparatus the combination of a base provided with guides, computation



slides provided with computation spots, computation pins supported in sockets of said guides for said base adjacent to said computation slides for illustration relatively to the computation spots the operations carried on.

MICROSCOPE. Edward Bausch and August Kochler, Rochester, N. Y., assignors to Bausch & Lomb Optical Co., same place.

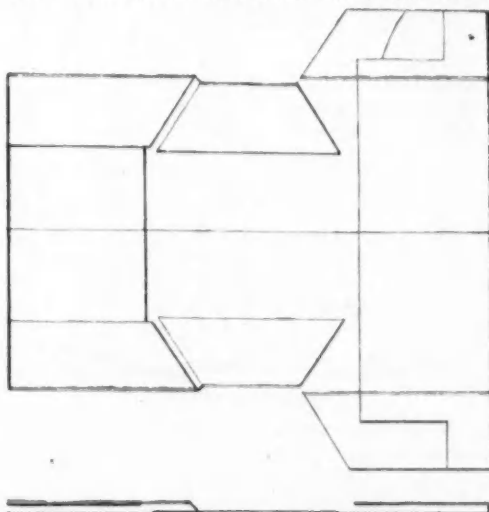
In a microscope, the combination with the main arm and the stage of the sub-stage car-



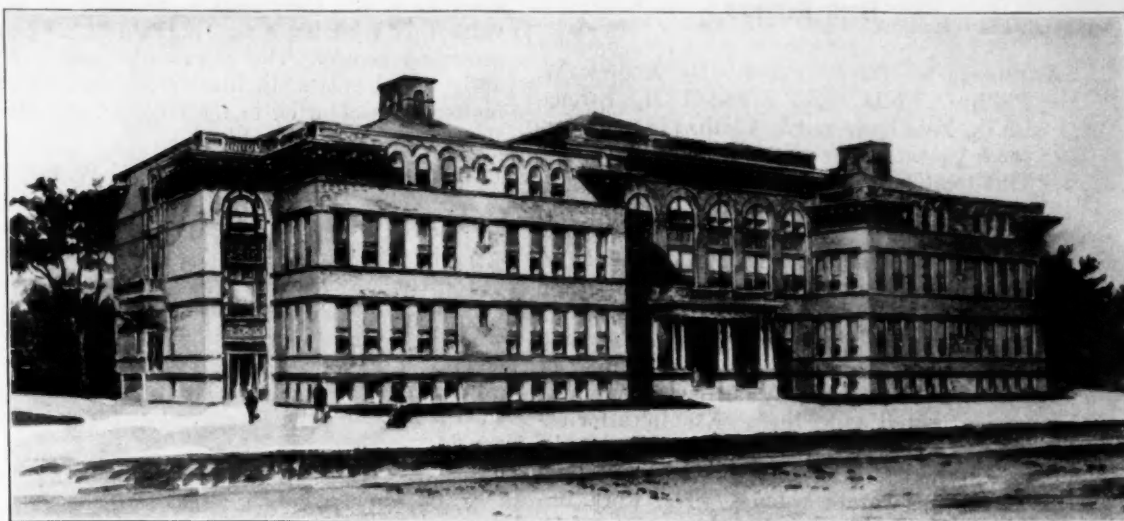
riage mounted on the main arm and adjustable vertically in a plane parallel with that of the optical axis, the diaphragm support on the carriage, and the laterally swinging supporting-arm mounted on the carriage and arranged to be moved into and out of the optical axis of the instrument.

BOOK COVER. Hiram O. Cowdrick, Philadelphia, Pa.

The inventor of this book cover has merely



secured a right of the same under the head of designs. The special merits, if any, do not,



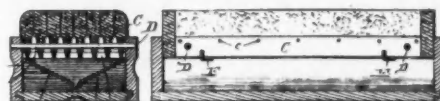
B. HANNETT SEABURY, Architect.

SIXTEEN ROOM SCHOOL HOUSE, SPRINGFIELD, MASS.

therefore, appear. We are inclined to believe that the book cover, however, is designed for large canvas-covered volumes, and not for a popular cover of school books such as the Holden covers are.

BLACKBOARD-ERASER. Charles L. Yeo, Battle Creek, Mich.

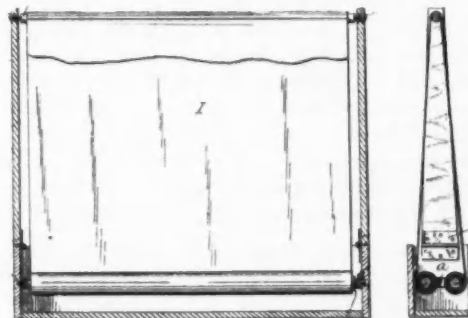
The herein described blackboard-eraser, consisting of the box-like body, one side of which



is a removable slide, a rubber composed of a number of independent strips of felt or other suitable material, removably secured in the opposite side of said body, and arranged to permit chalk-dust to pass between them into said body, and a longitudinally-arranged trough within said body with its open side facing the rubber and having a slot at its bottom.

CHART-HOLDER. Benjamin F. Balmer, Edson, Kans.

In a chart-holder, the combination of a casing, rotatable castings journaled in the opposite



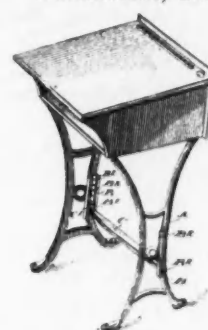
ends thereof by pivots projecting from said castings, each of said castings being provided at its opposite ends with slots, a pair of rollers having journals mounted in said slots, latch devices to hold the journals of the rollers con-

David McKay, Philadelphia, has in preparation ten to twelve of his pocket literal translations, which will make forty volumes of this popular series issued by this enterprising publisher.

Boston real estate has been one of the safest of investments of late years. A reliable old firm has something to offer our readers which will be found in our advertising columns, headed **YOUR OPPORTUNITY.**

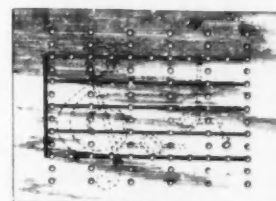
fining in said slots, and means for holding the castings against rotation.

ADJUSTABLE FOOT-REST. Thomas B. Criddle, Waxahachie, Tex.



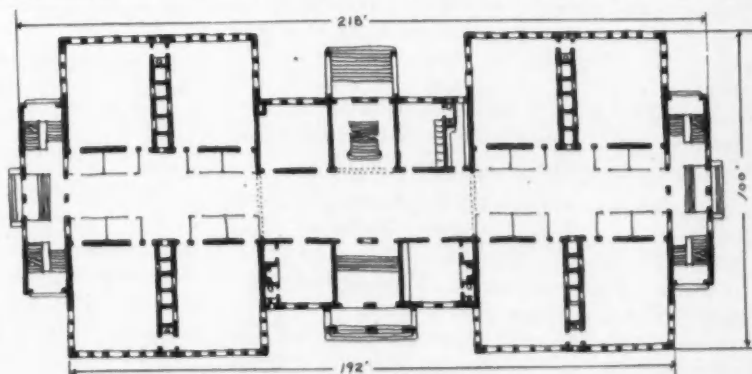
The combination with a desk or chair having vertical slide-bars provided with a plurality of aligned slots, of a sectional foot-rest having the sections thereof adopted at their outer ends to engage said slide-bars upon which the foot-rest is movable, and at their inner ends having a sliding connection, and spring-impelled dogs carried by the foot-rest and adapted to engage the slots of the slide-bars.

DEVICE FOR TEACHING MUSICAL NOTATION. Annie L. Palmer, Chicago, Ill.



In a device for teaching musical notation, the combination with a thin sheet having represented thereon a musical staff, and provided with a series of horizontal rows of perforation, of a musical character formed of a flexible piece of material with portions thereof at opposite sides of the character projecting out and forming oppositely-extending tongues, adapted by the buckling of the character and tongues to be inserted in the perforations of said sheet for holding the character in adjusted positions.

The interest which has been created in the study of American woods by the publication of Romeyn B. Hough's great work continues. This volume contains the layers of actual specimens of wood, properly labeled. We advise all educators to write the publisher, Romeyn B. Hough, 12 Collins street, Lowville, N. Y., for free samples.



FLOOR PLANS, SIXTEEN ROOM SCHOOL HOUSE, SPRINGFIELD, MASS.

Book Reviews.

ELEMENTS OF TRIGONOMETRY. By Andrew W. Phillips, Ph.D., and Wendell M. Strong, Ph.D., Yale University. Cloth, 138 pp. Harper & Brothers, New York.

This treatise is characterized by directness of statement and clearness of illustration of principles. Definitions are concise and plain. The importance of first principles and essential formulas is emphasized. Functions are represented graphically. In spherical trigonometry the figures are photo-engravings of models, and in spherical triangles the graphical manner of solutions is employed. Values are represented by ratios as well as by lines. Examples for exercise are abundant. Answers are given at the end, but there are no tables. These are published in a separate volume. The work impresses one as intended for close, systematic, vigorous mathematical work. The make-up of the book is excellent in every way.

ELEMENTARY ENGLISH. Cloth, 12mo., 160 pp. 35 cents.

ELEMENTS OF GRAMMAR AND COMPOSITION. Cloth, 12mo., 224 pp. 50 cents. American Book Co., New York, Chicago, Cincinnati.

These two books, prepared by Principal E. Onam Lyte, Ph.D., of the First Pennsylvania normal school, are designed to cover the language work in primary and grammar grades. They are made on the natural or laboratory method. A subject is given in which the pupil is apt to be interested. The first book is very fully illustrated. The pictures suggest to the pupil something to write—generally a story. Sentences are given as models. Incomplete sentences are given for him to finish; omitted words are to be supplied. He is led along by these well-graded exercises until he is able to express himself correctly. The whole work is interesting to him. The second book continues the work of language instruction, not by paradigms and rules to be committed to memory, but by continual practice according to principles so presented as to be easily understood, one at a time. We do not see anything of the dry tasks that some of us remember in the old grammars. So far as these books carry the pupils, the exercises are practical and made interesting.

TEXT BOOK ON ANATOMY, PHYSIOLOGY AND HYGIENE. By E. Franklin Smith, M.D. Published by Wm. R. Jenkins, New York. Price, \$1.

This volume is the outcome of the author's experience as a lecturer on, and teacher of, the subjects indicated in the title of the book. He has not attempted to present any new matter, nor have the publishers striven towards any display in typographical excellence or in the productions of the numerous engravings which appear in the book. Both the author and publisher have attempted to present a plain, sensible and, at the same time, valuable book. The merit of the work lies mainly in the fact that a great deal of information has been concisely prepared and properly arranged. Few books on this subject are more replete with the essential points in the study of these branches. The author reveals at every turn an experienced hand and deals with the subject in a way that denotes unquestioned ability and an extended familiarity with the several studies.

NATURE STUDY IN ELEMENTARY SCHOOLS. First Reader. By Lucy Langdon Williams Wilson, Ph.D., of the Philadelphia Normal School. Price, 35 cents. Published by the Macmillan Co., New York, Chicago.

The book is arranged in months to cover the entire school year, and the subject matter selected accordingly. The author's idea is to put into the hands of children literature that

shall have for their minds the interest and value that good books and magazines have for grown-up people. The stories and poetry are aptly and handsomely illustrated; the subject matter is fascinating to the child mind. Miss Wilson has made a good book.

PLAYTIME AND SEEDTIME. By Col. F. W. Parker and Nellie M. Helm. Uncle Robert's Geography. Published by D. Appleton & Co., New York, Chicago.

The Home Reading Series which the publishers began some time since is enriched by another pretty little volume, whose contents are delightful and profitable. Nothing can be a greater stimulant to school room work than such a home reading series. The illustrations are fine.

AMERICAN INDIANS. Etho-Geographic Reader No. 2. By Frederick Starr. Published by D. C. Heath & Co., Boston, New York, Chicago.

The American youth is always charmed with a book on the American Indian, provided the treatment is not too heavy. Here the things that students ought to know about the Indian are told in a way that cannot fail to hold his interest. Older readers will find the book not only fascinating, but instructive.

THE JUDGMENT OF SOCRATES. Being a Translation of Plato's Apology, Crito and the Closing Scene of Phaedo. With an Introduction by Paul Elmer More. Riverside Literature Series. Published by Houghton, Mifflin & Co., Boston, New York, Chicago. Price, 15 cents.

The work itself is too well known to require treatment here. The publishers' presentation of the same, however, is worthy of attention. The introduction is a great aid to a comprehensive understanding of the scope and value of the translations. The price is a nominal one and permits the volume to be added to all school libraries.

STORIES FROM THE POETS. A Reader for the First Grade. By May R. Atwater. Illustrated by Jane E. Coombs. New Century Series. Published by the Morse Co., New York, Boston.

This little book is the result of school room experience. The author goes on the theory that first-year children should acquire during the last half a sufficient knowledge to be able to pronounce the words here given. She certainly enables them to accomplish it, for the book tells such happy stories in such a happy manner that the child's interest is stimulated to reading. The volume is nicely illustrated.

THE IMPERIAL REPUBLIC. By James C. Fernald. Published by Funk & Wagnalls Co., New York and London. Price, 75 cents.

The war with Spain has brought forth problems of a nature such as Americans have not heretofore been asked to cope with. We have suddenly come to the realization that we are a great world power with responsibilities. The author discusses, in a clear and logical manner, the situation in which this country finds itself. He is an ardent expansionist, and his arguments in favor of his views are strong, convincing, and show that he has made a painstaking research. The author treats his subject from the standpoint of a scholar and a student of history. He proves himself a thorough patriot and a firm believer in the power of the American people to extend the benefits of civilization over the widest reach of territory that may legitimately come under American control. His plan as to governing the newly-acquired territory, if the country should decide to hold it, is feasible. Whether one agrees with the author or not, the book is worth perusal.

W. L. P.

THE GRADING OF SCHOOLS. By W. J. Shearer. Cloth, 220 pp. The H. P. Smith Publishing Co., New York.

A superintendent enters a vigorous protest against the present method of grading schools. The charges are grave. We are told that the system is defective, in that it does not meet the needs of pupils; that it lacks in flexibility; that it is ruinous to bright pupils, injurious to slow ones; that but little time may be gained, while much time is lost. The strongest objections are brought against the year interval allowed each grade and promotions determined by formal examinations. A year is too long, because even strong pupils cannot skip the work of an entire year without great loss. It is too long, because pupils, failing to be promoted, must spend an entire year in reviewing. Final examinations cause, in both teachers and pupils, undue nervous tension and loss of time, through unnecessary drudgery. Practical remedies are offered and explained. In branches "where it is possible to secure simultaneous mental activity on the part of all," the entire grade may recite together. In essential subjects, as grammar and arithmetic, the members of one grade should be sectioned according to ability. Since the instruction can now be closely adapted to the needs of individual pupils, progress will be sound and rapid. Owing to the small numbers in a section, a shorter recitation period will be sufficient. Frequent reviews are recommended, when groups may be promoted, on the judgment of the teacher. In one chapter records of work done in different grades specify what was done, how and why transfers were made and with what results. Another chapter mentions "danger-points" in the work of each year and suggests modes of meeting these difficulties. A third chapter offers programs for different years. In still another chapter the principals and teachers of Elizabeth, N. J., where the experiment has been tried, express nothing but commendation for the details and results. That it brings relief to the over-worked consciences of teachers is an argument in its favor. Thirty years ago the country admired its system of graded schools. The attempt "to give the greatest good to the greatest number, in the shortest



Not a Good Guesser.

"What did you do with that editor on mathematical books?" asked a teacher of the manager of a young publishing house.

"Discharged him," replied the manager. "He couldn't figure out where his salary was to come from."

time, at the least expense," appealed to American enterprise. It was forgotten that the minds of children cannot be warranted to work at a uniform rate, that they are not well-regulated Waltham watches. Time has brought out the defects of a system that has passed through its period of admiration and entered its period of criticism. Action and re-action are equal in the physical world; are they not often equal in the world of opinion?

C. H. L.

Books Received.

Commissioner Hume. By C. W. Bardeen. Published by C. W. Bardeen, Syracuse, N. Y.

Anatomy, Physiology and Hygiene. By E. Franklin Smith. Published by William R. Jenkins, 851 and 853 Sixth avenue, New York.

Rights and Duties of American Citizenship. By Festel Woodbury Willoughby, Ph.D. Published by American Book Co., New York.

Complete Latin Grammar. By Harkness. Published by the American Book Co., New York. Price, \$1.25.

Poetry of the Season. By Mary I. Lovejoy. Published by Silver, Burdett & Co., Boston. Price, 60 cents.

Braided Straws. By Elizabeth E. Foulke. Published by Silver, Burdett & Co., Boston, Mass. Price, 40 cents.

New Methods in Education. By J. Liberty Tadd. Published by Orange Judd Co., New York, N. Y.

American Indians. By Frederick Starr. Published by D. C. Heath & Co., Boston, Mass. Price, 45 cents.

The Imperial Republic. By James C. Fernald. Published by Funk & Wagnalls Co., New York. Price, 75 cents.

Nature Study. By Mrs. L. L. Wilson, Ph.D. Published by Macmillan Co., New York. Price, 35 cents.

Hornbrook's Primary Arithmetic. Published by the American Book Co., New York. Price, 40 cents.

Elementary English. By E. Oram Lyte. Published by the American Book Co., New York. Price, 30 cents.

Elements of Grammar and Composition. By E. Oram Lyte. Published by the American Book Co., New York. Price, 35 cents.

Elements of Trigonometry. By Phillips & Strong. Published by Harper & Bros., New York.

The Judgment of Socrates. By Paul Elmer More. Published by Houghton, Mifflin & Co., Boston, Mass. Price, 15 cents per single number.

Practical Problems in Arithmetic. By Anna McGrath, Detroit, Mich. Published by the Educational Publishing Co., Chicago, Ill.

Hamlet and Romeo and Juliet. By Wm. Shakespeare. Published by David McKay, 1022 Market street, Philadelphia, Pa.

Bulfinch's Age of Fable. Revised by Rev. J. Loughran Scott. Published by David McKay, 1022 Market street, Philadelphia, Pa.

Bird Lore. Edited by Frank M. Chapman. Published by the Macmillan Co., New York city. Price, 20 cents.

Pickey. By Orville Elder. Published by Laird & Lee, Chicago.

The Best Drill Book. By Marie Irish. Published by T. S. Dennison.

Through the Year. In two volumes. By Anna M. Clyde and Lillian Wallace. Published by Silver, Burdett & Co., Boston, Mass.

Our New Possessions—Cuba, Porto Rico, Hawaii, Philippines. Published by the American Book Co. Price, 10 cents per copy.

Piccola. By Alger. Published by Ginn & Co., Boston, Mass.

Bible Stories. By Richard G. Moulton, M.A. (Camb.), Ph.D. (Penn.). Published by the Macmillan Co., New York. Price, 50 cents.

The Evolution of Plants. By Douglas Houghton Campbell. Published by the Macmillan Co., New York. Price, \$1.85.

Elements of Rhetoric. By Alphonso G. Newcomer. Published by Henry Holt & Co., New York. Price, \$1.

'76 Lyrics of the Revolution. By Rev. Edward C. Jones, A.M., Philadelphia.

The Cleveland Historical Readers. By Helen M. Cleveland. Published by Benj. H. Sanborn & Co., Boston, Mass. Price, 25 cents.

How to Prepare for a Civil Service Examination. With questions and answers. By Francis E. Leupp. Published by Hinds & Noble, New York.

The Superlative and other Essays. By Ralph Waldo Emerson. Published by Houghton, Mifflin & Co., New York. Price, 15 cents per single copy.

Die Schriften des Waldschulmeisters. By Laurence Fossler. Published by Henry Holt & Co., New York. Price, 40 cents.

German Sight Reading. By Idelle B. Watson. Published by Henry Holt & Co., New York. Price, 25 cents.

Pope's Hlad. Published by the Macmillan Publishing Co., New York. Price, 25 cents per copy. Written in seventeen issues.

Mental Arithmetic. By McLellan & Ames. Published by the Macmillan Co., New York. Price, 25 cents.

The Child Study Monthly. Edited by Wm. O. Krohn



J. H. LEWIS.

State Superintendent of Public Instruction,
St. Paul, Minn.

and Alfred Bayliss. Published by A. W. Mumford, 203 Michigan avenue, Chicago, Ill. Price, 10 cents.

The Juvenile Entertainer. Compiled by G. Burton. Published by J. Fisher & Bro., 7 Bible House, New York. Price, 75 cents net.

Magazines Received.

Harper's Monthly Magazine. Published by Harper & Bros., New York and London. Price, 35 cents per copy. February.

The Atlantic Monthly. Published by Houghton, Mifflin & Co., 11 E. Seventeenth street, New York. Price, 35 cents per copy. February.

Lippincott's Monthly Magazine for February. Published by the J. B. Lippincott Co., Philadelphia, Pa. Price, 25 cents per copy.

Scribner's Magazine for February. Published by Charles Scribner's Sons, New York. Price, 25 cents per copy.

The Arena for February. Published by the Arena Co., Boston, Mass. Price, 25 cents per copy.

The Designer for March. Published by the Standard Fashion Co., New York. Price, 10 cents per copy.

The Cosmopolitan for February. Edited by John Brisson Walker. Price, 10 cents per copy.

The Forum. Edited by J. M. Rice. Published by the Forum Publishing Co., New York. Price, 35 cents per copy.

The American Monthly Review of Reviews. Edited by Albert Shaw. Published by the Review of Reviews Co., 13 Astor Place, New York. Price, 25 cents per copy.

The Land of the Sunshine. Edited by Chas. F. Lums. Published by the Land Sunshine Publishing Co., Price, 10 cents per copy.

Dramatic Magazine. Published by the Dramatic Magazine Press, 356 Dearborn street, Chicago, Ill. Price, 25 cents per copy.

Guntton's Magazine for November. Published by the Guntton Co., Union Square, N. Y. Price, 25 cents per copy.

The Kindergarten Review for February. Published by the Milton-Bradley Co., Springfield, Mass. Price, \$2 per year.

The Nickell for January. Published by the Nickell Magazine Publishing Co., Boston, Mass. Price, 5 cents per copy.

Harper's Magazine. Published by Harper & Bros., New York. Price, 35 cents per copy.

Lippincott's Magazine for March, 1899. Published by J. B. Lippincott. Price, 25 cents per copy.

The Atlantic Monthly. Published by Houghton, Mifflin & Co. Price, 35 cents per copy. March issue.

Other Publications.

Salem Public Schools for 1898. Published by the Thomas J. Walton Steam Printing House, Salem, O.

The Industrialist for November, 1898. Published by Kansas State Agriculture College, Manhattan, Kans. Price, 10 cents per copy.

Laws of Wisconsin Relating to Common, High and Normal Schools and the University. Published by the Democrat Printing Co., state printer, Madison, Wis.

Iowa Educational Directory. Issued by the Department of Public Instruction. Printed by F. B. Conaway, state printer, Des Moines, Ia.

Report of the Committee of Twelve on Rural Schools. Issued by J. Q. Emery, state superintendent, Madison, Wis.

Report of Legislative Committee of Iowa State Teachers' Association. December, 1898. Conaway & Shaw, printers, Des Moines.

Report of the Educational Commission of Chicago. Compliment of Carter H. Harrison, mayor of Chicago.

Biennial Report of the State of Wyoming.

State of Wyoming. Biennial Report of the Superintendent of Public Instruction. Sept. 30, 1896, to Sept. 30, 1898. C. H. Parmelee, superintendent.

Bulletin of the New York State Museum, Vol. 4, No. 19. November, 1898. By Frederick J. H. Merrill, Ph.D., director. Price, 40 cents per copy.

Annual Report of the Public Schools of Columbus, O. Published by order of the board.

Biennial Report of the Board of Regents and the President of West Virginia University for 1898. Williams & Wilkins press, Baltimore, Md.

Biennial Report of the Secretary of State of Wisconsin, 1897-98. Printed by the Democrat Printing Co., state printer, Madison, Wis.

Department of Education Annual Report, 1897-98. City of Passaic and New Jersey.

State Library Bulletin. Price, 25 cents.

Thirty-second Annual Report of the Board of Public Instruction of the City of Albany, N. Y., for 1898.

Fortieth Annual Report Public Schools of Springfield, Ill., for 1897 to 1898.

Annual Report Board of Education, City of Auburn, 1898.

A Modern Sanitary School.

(See Page 6.)

The building is constructed of stone, brick and terra cotta, with slate roof, and should occupy a plot of ground 200 feet square, as the building is 100x84 feet.

The foul-smelling cellar has been discarded, and the first floor finishes eight inches above the sidewalk or road grade after it has been thoroughly concreted five inches thick. This floor contains a public library, superintendent's office and board room, girl's and boys' lavatories, boiler and fuel rooms, and heating apparatus. The ceiling is eleven feet in the clear.

The first and second stories each contain six class rooms, four rooms 32x25 and two rooms 28x25. Nine ventilated wardrobes and book-cases. The first floor also contains principal's office and supply room. Ceilings thirteen feet in the clear. The upper floor contains a large assembly hall, with store closets, etc. Ceiling sixteen feet in the clear. Interior finished.

Deafened floors, with maple top floor. Casings and wainscoting, North Carolina pine; doors, white pine, all filled and varnished; steel ceilings, slate blackboards. All windows to have venetian blinds with rolling slats. Brick partitions between all class rooms. Sidewalk plastered with asbestic wall plaster and tinted; stairs will have oak treads and wearing plates.

Two boilers on two ground floors supply steam to radiators located in brick chambers, which have a constant flow of pure, fresh air, which is furnished from cold air rooms. Warmed and passed to all rooms through registers seven feet from floor line. At the floor line of all rooms are foul-air registers, which have flues leading to ducts above assembly hall to tower, where the windows are opened to create circulation.

Plumbing. Sanitaries have all piped above concrete, made gas tight and thoroughly ventilated and warmed as above described. The ground floor also contains the janitor's room and four entrances provided with vestibules and double swinging doors, as shown on elevation.

Exterior wall. Ground floor twenty inches thick. First and second stories sixteen inches thick. The assembly hall is provided with a center skylight twelve feet square. Estimated cost of building, without furniture, \$30,000.

John F. Lape, architect, Rensselaer, N. Y.

Peckham, Little & Co. report that their school orders for January exceeded any corresponding month since commencement of business, ten years ago. They made a wise move in taking new quarters at No. 9 Clinton Place, with ample room, and a large and complete line of supplies for schools. They are in a position to handle their rapidly increasing trade with entire satisfaction. Their patrons appreciate the fact that all orders receive their personal attention, thereby insuring prompt and careful delivery. They further report an increase in business of over 40 per cent. for 1898 over previous years.



L. J. Phebus, formerly of the Werner School Book Co., has associated himself with D. C. Heath & Co. as their Ohio agent.

J. P. Miner, former superintendent of the Grafton, N. D., schools, is now traveling for Rand, McNally & Co.

L. J. Lively, formerly with the Werner Co., has gone into the school furniture business.

H. H. Hilton, of the firm of Ginn & Co., who was for some years active in the Chicago trade, has gone back to the Boston office.

Dr. Henry W. Fishel, who was for many years with E. H. Butler & Co., has bought an interest in the publishing house of R. L. Myers & Co., Harrisburg, Pa. Dr. Fishel is now the president of the company and will direct its affairs with an energetic hand. He is an experienced man, knows the educational needs of the day, and is ready to meet at least some of them. Mr. Myers is now serving a term in the Pennsylvania legislature, which will throw additional duties upon Mr. Fishel.

W. H. Mattock, who was for some time with G. & C. Merriam & Co., is with Rand, McNally & Co. He has visited various states in the West and has accomplished some good work.

William Beverly Harison, publisher and bookseller, New York city, has filed a petition in bankruptcy. Mr. Harrison started in business for himself in 1890, dealing in school books and supplies and publishing some specialties. Two years ago he began the publication of a weekly called *The Great Round World*, which was incorporated in July, 1897. The company recently got into financial difficulties, and the sheriff had to take charge of that concern.

Mr. M. J. Green, who represented E. H. Butler & Co. in the Metropolitan district three years, is now with the Franklin Publishing Co.

A. E. Chapman has engaged with the Macmillan Co. to represent them in Iowa and Minnesota, and F. F. Hummel will represent them in Indiana.

Lucien V. La Taste, one of the best known bookmen in the South, resides at Montgomery, Ala. Here he is known as an old citizen who takes a deep interest in the welfare of the community. Political honors which have been tendered him have invariably been declined. His party has now given him the nomination for alderman. Mr. La Taste is now urged to accept—and no doubt will be elected. He represents the University Publishing Co.

L. B. Robeson, agent for Ginn & Co., with headquarters at Atlanta, Ga., has been unwell for some time. His friends say that he is gaining, however.

We tried on several occasions to procure a picture of K. N. Washburn, of the G. & C. Merriam Co., of Springfield, Mass., but always failed. A snap shot, when he wasn't looking, was finally secured for these columns.

The subject of this sketch was born and reared in eastern Massachusetts. His book agency work covers substantially the whole of his business career. After a short experience as a canvasser for Ridpath's History of the United States, published by Messrs. Jones Bros. & Co., Cincinnati, he began work for this firm with school boards in the interest of Milne's arithmetic and Ridpath's school history. Two years later he was called to New York by an engagement with Taintor Bros., Merrill & Co., a firm then prominent in school book publishing circles. While engaged for this latter con-

cern he did work in various parts of the New England and Middle States and acquired a wide circle of acquaintances, as well as enjoyed a varied experience.

Following this engagement came one with Ivison, Blakeman, Taylor & Co., a firm which was then one of the largest school book publishers in the country.

In the spring of 1884 the firm of G. & C. Merriam Co., publishers of Webster's International Dictionary, asked Messrs. Ivison, Blakeman & Co. to recommend some one for certain work to be done. Mr. Washburn was selected. He has remained in Springfield ever since, and if one may judge by the contented look on his face, he has no ambition to go elsewhere. In 1896 he acquired an interest in the business of Messrs. G. & C. Merriam Co. It falls to his lot to do most of the work which comes up outside the office, and he may frequently be seen at the more important teachers' and superintendents' meetings.

The following bookmen were present at the meeting of the Department of Superintendence, Columbus, Feb. 21, 22, 23:

Ginn & Co.—T. W. Gilson, manager, Chicago; W. B. Owen, J. C. Hisey, F. M. Kendall, Ada M. Fleming, Chicago; Stuart Eagleson, E. E. Richards, Columbus, O.; H. H. Hilton, A. H. Kenerson, Boston; George A. Plympton, New York; R. L. Latham, Pittsburgh; W. C. Ginn, Delaware, O.; Oscar L. Watkins, Indianapolis; J. S. Adams, Albany, N. Y.

American Book Co.—J. A. Greene, manager, New York; L. M. Dillman, assistant manager, Chicago; Samuel B. Todd, Madison, Wis.; Maj. A. W. Clancy, Chicago; J. W. Redway, C. C. Birchard, New York; Frank A. Fitzpatrick, Boston; C. F. Stearns, Cleveland, O.; G. K. Lyons, Toledo, O.; W. S. White, Grand Rapids, Mich.; Miss H. V. Creel, J. R. Fortney, Harrison Wright, Alice Paddock, John C. Ridge, Cincinnati, O.; C. T. McCoy, Lancaster, O.; J. E. Dorland, Louisville, Ky.; Geo. L. Holliday, Pittsburgh; R. W. Kittrell, Houston, Texas; J. D. Mattock, Birmingham, Ala.; J. H. Rowland, Delaware, O.

Silver, Burdett & Co.—E. O. Silver, manager, New York; Elmer E. Silver, manager, Chicago; Albert A. Silver, Jr., manager, Boston; J. F. McCullough, F. W. Arbury, F. D. Farr, Jarrett W. Davis, B. D. Berry, Chicago; Col. C. W. Johnson, Boston; Frederick H. Lane, Francis Knowles, New York; J. D. Anderson, Wilkesburg, Pa.

Charles Scribner's Sons—Edward Lord, manager, New York; Jas. A. Townsend, Chicago.

D. C. Heath & Co.—W. S. Smyth, manager, Chicago; L. J. Phebus, Columbus, O.; E. R. Smith, Chicago; W. E. Pulsifer, New York.

Maynard, Merrill & Co.—C. E. Merrill, manager, New York; J. D. Williams, manager, Chicago; B. S. Lobdell, Z. C. Spencer, Chicago; A. A. Weaver, Webster City, Ia.

Scott, Foresman & Co.—E. H. Scott, manager, Chicago; Hugh Foresman, Chicago.



MANAGER K. N. WASHBURN,
Of the G. & C. Merriam Co., Springfield, Mass.

Werner School Book Co.—W. J. Button, J. H. Pugh, Chicago; J. M. Stradling, New York.

Prang Educational Co.—W. E. Cochrane, manager, New York; Wm. S. Mack, manager, Chicago; J. E. McKean, Chicago.

The Macmillan Co.—A. W. Macy, manager, Chicago; C. R. Long, Chicago.

Houghton, Mifflin & Co.—H. N. Wheeler, Boston; C. F. Newkirk, Chicago.

University Publishing Co.—Henry T. Dawson, New York.

Rand, McNally & Co., Chicago—E. E. Smith, manager, Chicago; W. D. Nickerson, New York; W. A. McCord, Des Moines, Ia.; E. W. Avery, Philadelphia; W. H. Maddoch, Columbus, O.; R. H. Allin, Chicago.

Butler, Sheldon & Co.—A. L. McLaughlin, Chicago. D. Appleton & Co.—H. E. Hayes, manager, New York; H. M. Echlin, Chicago.

Harper & Brothers—H. D. Newson, manager, New York; W. S. Russell, William S. Shearer, Chicago.

Allyn & Bacon—R. A. Metcalf, Chicago; F. A. Preston, Indianapolis.

G. & C. Merriam Co.—K. N. Washburn, manager, Springfield, Mass.; O. M. Baker, Springfield, Mass.; Maj. A. J. Cheney, Chicago.

Henry Holt & Co.—Robt. M. King, Chicago; E. N. Bristol, New York.

H. P. Smith Publishing Co.—Herman P. Smith, manager, New York.

Longmans, Green & Co.—C. L. Barstow, New York. Ellsworth Publishing Co.—H. W. Ellsworth, manager, New York.

Benj. H. Sanborn & Co.—Benj. H. Sanborn, manager, Boston.

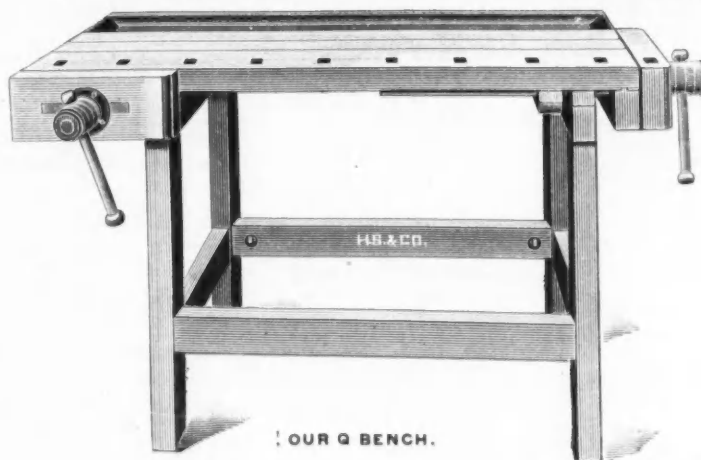
The Morse Co.—L. E. Loveridge, Chicago.

W. H. Wheeler & Co.—W. H. Wheeler, manager, Chicago.

F. F. Ainsworth & Co.—F. F. Ainsworth, manager, Chicago.

Eaton & Co.—Ira T. Eaton, manager, Chicago.

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This bureau was purchased by Mr. Dixon in 1894, after it had been in existence for fifteen years. Immediately upon assuming control, the offices were removed to larger quarters, which are at present in the magnificent new building of the American Baptist Publication Society, 1420 Chestnut street. The business has greatly increased and has assumed a national scope under the present management. Positions have been filled in at least twenty states. The methods of the Central Teachers' Bureau vary in some respects from other bureaus, and especially in the fact that members are notified of only vacancies for which the bureau has been directly applied to for candidates. The time and money of members is not expended in looking after places that do not exist or which are merely reported to the bureau, but not verified. Every possible effort is made to supply "the right teacher for the right place," and the results have been very satisfactory to all concerned.



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Mr. Dixon is connected with a number of educational and charitable institutions and is a member of several school boards; one of these being the Friends' Central high school, Philadelphia, where there are at present enrolled at least 600 young men and young women. In addition, Mr. Dixon is a member of the board of directors of a well-known building and loan association, and is also an active director in a school supply house.

Elements of Trigonometry.

POINTS WHICH APPEAL TO TEACHERS: "The arrangement, the rigorous demonstration, and the simplicity."—"The combining of the line functions with the ratios mutually help each other in clearness."—"Photo-engravings of models add greatly to the easy understanding of the figures."—"The early introduction of solution of the right-angle triangle furnishes a useful application of the principles already given." Crown, 8vo, Cloth 90 cents. Introduction price, 75 cents. Edited by Phillips and Strong.

HARPER & BROTHERS, Publishers, Franklin Square, New York City. General Agent for the introduction of Harper & Brothers' Educational Works: W. S. RUSSELL, 203-207 Michigan Avenue, Chicago, Ill.

School Board Elections.

Brooklyn, N. Y. President, Charles E. Robertson.

Shelbyville, Ky. Chairman, E. G. Riggs; clerk, Ned Talbert; treasurer, Wm. Todd; member, L. W. Lawson.

Schenectady, N. Y. Members, First ward, Albert L. Rohrer; Second ward, Alexander G. MacMillan; Third ward, William J. Gleason; Fourth ward, Walter Ketchum; Fifth ward, Frederick H. Weston.

Greater New York. President, J. J. Little.

Richmond Borough, N. Y. President, John T. Burke.

Pittsburgh, Pa. Members, J. T. McGhee, W. B. McFall, W. M. Brobeck, R. P. Loughay and R. W. Thompson.

Windsor, Canada. Chairman, J. A. H. Campbell; secretary, Alex. Black.

McKeesport, Pa. Members, Charles Arthurs, James Hewitt, Robert Lowrey, R. D. Teter, William Hardy, L. N. Morgan, T. D. Gardner, John Smith, F. S. Gleason and J. C. Zwingler.
Lynn, Mass. Chairman, Louis A. Wyman.

Two excursions to Texas each month via the Missouri, Kansas & Texas Railway, at rate of one fare, plus two dollars, for the round trip. Write H. A. Cherrier, No. 316 Marquette building, Chicago, Ill., for dates and further information concerning the same.

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Were written by Commodore Maury of the Hydrographic Office, and were written from personal investigation. They are kept fully revised to date, and the 1898 edition contains a new map of Canada, showing the new boundary line of the Province of Quebec, etc. It also contains a new map of Cuba, Philippine Islands, Porto Rico, etc.

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Among Boards of Education.

Omaha, Neb. The board of education has been exonerated from the charges of corruption made against it by one of its own members. An investigating committee which has been examining into the charges preferred by the member has made its report, which is to the effect that the charges made are unfounded. The member who made the charges, the committee reports, is guilty of selling merchandise to the schools in violation of law, and the board has decided to investigate him now.

Cleveland, O. President Kendall, of the school council, is in favor of the abolition of salaries in that body.

Sycamore, Ill. Dr. Frank Allport, consulting eye and ear surgeon to the Chicago board of education, has been invited by the board to submit his tests here as to the condition of the eyes and ears of the pupils.

Philadelphia, Pa. President Hury, in his annual report, recommends that measures be taken for the establishment of a free lecture system for adults.

Montclair, N. J. A system of cheap and healthful lunches in the high school has been in vogue for several years.

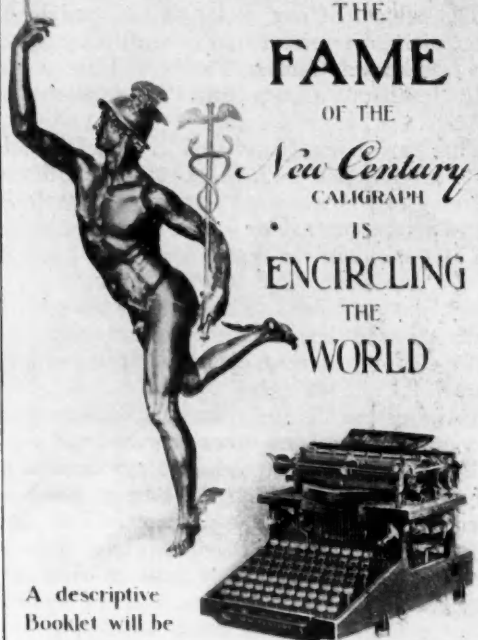
New York, N. Y. The central board has been requested to grant an appropriation for foot-wear for children whose parents cannot buy them shoes.

Chattanooga, Tenn. President Ochs has recommended that an auxiliary board of ladies be appointed to assist the board of education. This board of ladies would visit the schools, criticize, make recommendations to the board of education, and many other things. The idea does not meet with any sort of favor with many of the commissioners.

New Haven, Conn. The board has had the best doctors in the city to examine into the condition of the eyes of the pupils.

An Eastern paper suggests that the actions of some boards against the employment of married women as school teachers should also embrace the principle that no bachelor teachers can be employed. If you refuse to employ married women you discourage marriage. But refuse, at the same time, to employ unmarried men and you encourage marriage, thus balancing the diverse tendencies and doing justice all around.

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As the lever form is the one most frequently used, it may be interesting for teachers of science to examine the cut here illustrated. It will be noted that all essential parts are so exposed that measurements can readily be taken. The mirror with which the scale is provided renders exact readings practical.

Irish's "Orthography and Orthoepey" has recently been adopted for use in the high schools of Council Bluffs, Ia., and Hayesville O.

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 YOUNGSTOWN, O.



New School Buildings.

Dothan, Ala. A new \$15,000 school.

Hartford, Conn. The directors of the American School for Deaf contemplate the erection of a new school.

Waterbury, Conn. An addition to the Main street school is being made. To cost \$1,400.

Pueblo, Col. Bids to build the new school asked for.

Pleasant Plains, Ill. The Sangamon college intends building a new college building.

Jacksonville, Ill. Bids for erecting a new school have been asked for.

Peoria, Ill. A new 12-room school. Plans prepared by Richardson & Hotchkiss.

Havey, Ill. The high school board of Thornton school township contemplate erecting a new school.

Chicago, Ill. Write to the business manager of the board of education, 1110 Schiller building, regarding the erection of new school buildings.

Freeport, Ill. Plans of Architects Reeves and Baillie, of Peoria, Ill., for remodelling the Lincoln avenue school accepted.

North Liberty, Ind. Contract to build a new school near here awarded.

Shellrock, Ia. A new school is in course of erection, in accordance with plans and specifications prepared by Architects Murphy and Ralston, Waterloo, Ia.

Louisville, Ky. The school board has under consideration the erection of a new 16-room school at Second and Hill streets.

Versailles, Ky. A new school to cost \$3,110.

Minneapolis, Minn. An addition to the Irving school is to be made.

Wheaton, Minn. Plans for the new school drawn by Architects Burchner and Jacobson, Manhattan building, St. Paul.

Marshall, Minn. A new school, in accordance with plans prepared by Architect W. B. Dunnell, 616 Bank of Commerce, Minneapolis.

Foxhome, Minn. Plans by Architect H. C. Gerlach for a new \$10,000 school accepted by board of education of Ellsworth, Minn.

Excelsior, Minn. The 5-room school house here burned.

Hokah, Minn. The high school here burned. To be soon rebuilt.

Starkville, Miss. This city is to erect a new school.

Wells, Minn. A new 14-room school. Bonds have been voted to the amount of \$23,000.

Ironwood, Mich. A new high school.

Cambridge, Mass. Harvard university has decided to expend \$175,000 in the erection of new buildings.

West Hoboken, N. J. Architects O'Brien and McDermott are preparing plans for a school 89x87 feet and three stories, for the board of education, to be erected corner Summit avenue and High street.

New York, N. Y. A new school building at Market and Monroe streets.

Buffalo, N. Y. A new high school is to be erected. Site has not as yet been selected.

Buffalo, N. Y. A new \$50,000 school on the Terrace to replace old No. 2.

Piermont, N. Y. Contract for erecting new school awarded.

Jersey City, N. J. Public school No. 20 burned.

Columbus, O. Plans for new South side high school drawn by Architect David Riebel.

Cincinnati, O. Plans for new school to be built on Price Hill drawn by Architect A. A. Kungs.

Pittsburgh, Pa. The Bouquet street school, Fourteenth ward, is to be remodeled. The Brashear school was totally destroyed by fire, with a loss of \$60,000.

Lewisburg, Pa. The Bucknell university contemplates erecting a new building 40x140 feet and four stories. To cost \$50,000.

North Braddock, Pa. A new school to be erected at Shady Park at a cost of \$5,000.

New Castle, Pa. A new \$30,000 school.

Allegan, Mich. A new \$10,000 school.

McKeesport, Pa. Plans for new high school accepted. To cost \$80,000. McCullum & Ely, of Washington, Pa., architects.

The Tarentum, Allegheny Co., Pa., school district voted for the issue of bonds to the amount of \$25,000 for the building and furnishing of a new high school in their district.

Watertown, S. D. A new normal school is to be erected in this city.

Eau Claire, Wis. A new 8-room school in Sixth ward.

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No other Piano made equals this in style and design of case.



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7½ octaves.
Double lever, grand repeating action.
Grand scale, overstrung bass; three strings to each note in middle and treble registers.
The scale is the same as in grand pianos, with the largest size of sound board and strings of greatest length.

Tone.—The one great object for which a piano is made is its tone. The Wing Piano possesses magnificent tone-qualities, durability, sweetness, richness, power, singing quality and evenness.

Action.—The Wing action is patterned after the perfected double lever grand repeating action, to secure the greatest strength and power and greatest repeating qualities. Every note acts instantaneously and recovers promptly, ready for the repeat, so that after a note is

thus giving the greatest volume and power of tone.

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Choice of superior Circassian walnut, rich figured mahogany, genuine quartered oak and ebonized.

Keys.—Of best ivory and ebony.

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played the same note may be sounded again immediately without taking the finger from key.

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A member of the Kansas state board of education has received the following kick from an applicant for a teachers' certificate: "You old fool, I suppose you will, as usual, give five questions in physiology, which nobody can't answer."

A stern professor in a Chicago preparatory school for girls sat at his desk, trying to unravel a knotty problem, when a fluffy-haired miss of sixteen approached. "Please, sir," she began, in a tremulous voice, "will you grant the permission to go out riding with my brother this afternoon?" The old man had not forgotten the days of his youth, and, looking over his spectacles, he slowly said: "So you want to go riding with your brother, do you? By the way, is this brother of yours any relation to you?"

Teacher—Johnny, what are you going to do when you become a man?

Johnny—I'm going to raise a beard; then I won't have so much face to wash.



Professor's Wife—You do nothing but smoke and read all day. It is disgusting!

Professor—What would you have me do?

Professor's Wife—Invent smokeless tobacco.

"Next boy," exclaimed the teacher. "Can you give me a simile for the word 'maiden'?"

"Yes'm," responded Johnny Summers. "A maiden is like cider."

"Very good, Johnny. You see, boys," explained the teacher, who is a lady of uncertain age and irascible disposition, "Johnny means that a maiden is sweet."

"Yes," broke in Johnny, "and grows sour with old age."



Principal (to teacher who is a better flirt than teacher)—Miss, I am not satisfied with your work. You invariably forget my instructions. With what do you occupy your thoughts?

Teacher (coquettishly)—With you!

The professor was showing a friend round the chemical laboratory.

"What has become of Tom Appleton?" his friend asked. "Wasn't he studying with the class last year?"

"Ah, yes," replied the professor, "Appleton—poor fellow! A fine student, but absent-minded in the use of chemicals—very. That slight discoloration on the ceiling—notice it?"

"Yes."

"That's Appleton."

Teacher—What is the difference between a liar and prevaricator?

Tommy—It is a difference in weight.

"I told you," said the teacher, apologetically, to Tommy, "that I should whip you if you did not tell your father you had run away from school, didn't I?"

"That's all right," responded Thomas. "I didn't tell him. One of your lickin's is a picnic by the side of one of dad's."

A little boy had come to school for the first time. The teacher, to encourage the children to speak, asked them simple questions, such as "How many feet have you?" etc. The cautious little man, however, listened without saying anything. At last the teacher, noticing this, said to him: "How many feet did you say you had?"

Afraid of committing himself, he said: "Please, sir, I didna say I had any."

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A little boy who had reached the multiplication table in the course of his education, one night was sitting anxiously over a paper of figures, when his mother came along and said:

"Johnnie, do you find your arithmetic very hard?"

"Yes, indeed, mamma, I do," was his reply. "It was so awful hard that I prayed to God to help me, but He's made three mistakes already."

A new baby had just come to Johnnie's house and Johnnie felt that somehow baby had usurped his place.

"Do you love your little brother, Johnnie?" asked a little schoolmate.

"What's the use. He wouldn't know it if I did."

Mother—The paper this morning has an account of a little boy who was drowned while skating on thin ice.

Little Son (cleaning up his skates)—Too bad. I wonder if he was any relation to the poor little boy who was killed by the trolley while going to school?

He Wondered.

Johnnie—Mamma, this book says knowledge is power.

Mamma—And it is, my child.

Johnnie—No, mamma, it isn't. I know there is a pie in the pantry, but I can't get it.



Well done.

School Clerk—How are you getting along with that raw janitor we hired recently?

Teacher—He is not raw now. The principal has been roasting him three times a day ever since he came.

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First Prize, \$300.00 For the manuscript of the best complete First Reader embodying the principles and practical use of the Scientific Alphabet of the American Philological Association (not as a substitute for the ordinary spelling, but as a phonic system or guide to pronunciation) and so complete that the work may be published without material change.

Conditional First Prize, \$200.00. In the event of no manuscript offered reaching the above requirement, we will pay for the best complete MS. of a First Reader worthy of use as a working model the sum

of \$200.00. (NOTE: Should any manuscript reach the \$300.00 requirement, the \$200.00 prize will not be awarded, the larger sum taking the place of the smaller as a first prize.)

Second Prize, \$100.00 For the manuscript of the complete First Reader second in merit a second prize of \$100.00 will be awarded.

Third and Fourth Prizes For the manuscripts of the complete First Reader which rank third and fourth in merit, will be awarded to each a copy of the Funk & Wagnalls Standard Dictionary, Subscription Edition, Full Russia bound.

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First Prize, \$100.00 For the manuscript of the best outline of a complete First Reader based on the Scientific Alphabet as a phonic system (see above).

Second Prize, \$50.00 For the manuscript of the second best outline of a complete First Reader.

Third and Fourth Prizes To each of the outline manuscripts ranking THIRD and FOURTH in merit, a copy of the Funk & Wagnalls Standard Dictionary will be presented.

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Amateur Photography.

Perhaps no class more than the educational people appreciate more fully the pleasure and value of amateur photography. It may, therefore, be of interest to note in an educational journal something about the progress made in cameras during recent years.

Every one is familiar with the ordinary process of making pictures and the usual size of photos. The manufacturer of cameras who always strives to improve over his competitor can now do a few things he did not dream of doing a few years ago.

For instance, one manufacturer now produces a camera that practically turns around and takes three sides of a view—all on one picture. It makes a picture 4x12 inches, taking in a radius of 180 degrees—or half of a circle. What a delight this must be to the amateur who has a pretty bit of scenery which he does not

want to chop up into several pictures. Any 4 inch daylight loading film may be used.

This camera, we understand, is called the "Al-Vista," and is manufactured by the Multiscope & Film Co., Burlington, Wis.

A catalogue can be secured by dropping the company a postal card.



J. W. CURTIS,
Member Board of Education,
San Bernardino, Cal.

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Text Book News.

At present ten states, Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, New Jersey, Pennsylvania, Delaware, Nebraska and Idaho, make free text books compulsory. In fifteen other states permissive laws have been enacted. Of twenty-eight cities in the United States having each above 100,000 population, seventeen furnish text books free. Free text books have been in use in Philadelphia since 1818. It is not known when the practice was first adopted in New York city, but it is more than fifty years ago. Of fourteen cities having between 65,000 and 100,000 population, nine furnish text books free to the pupils. Chicago is the only city having

more than 300,000 population which does not furnish free text books. In no instance where the free text book system has been introduced has it been done away with.

Irish's "American and British Authors" has recently been adopted for use in the high schools of Shawnee, O., and in the Reading Circle of Antwerp, O.

"Epochs of American History" (Longmans, Green & Co.) has been introduced by the board of education of Nassau, N. H., Dartmouth college, and the Frothingham school, Charleston, Mass., for regular text books in American history.

Messrs. Henry Holt & Co. announce for immediate publication an "Elementary Algebra," by George W. Evans, of the English high school, Boston. At each turn of the subject the departure is made from problems, and the book contains an unusually large collection of new exercises.

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by local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed, Deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces.

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Algebra.
Milne's Elements of... ABCo
" High School... ABCo
White's School... ABCo
Brooks'... CSCo
Wentworth's... G&Co
Gilbert & Sullivan's... H&Co
Freeland's... LG&Co
Hall & Knight's... MacCo
Smith-Stringham's... MacCo
Thompson's New... MM&Co
Durrell & Robbins'... M&Co
Collins'... SF&Co
Boydler's First Book... SB&Co
Lilley's Elements of...
" Higher...
Beginners'... TB&Co
Atwood's Standard... TMCo
Bradbury's Ele... TB&Co
Bradbury's & Emery's...
Sanford's Ele... UP&Co
Nicholson's Ele...
Venable's Easy...
Venable High School...
Giffin's Gram. Sch. W&Co
Arithmetics.
Milne's Elements... ABCo
" Standard...
Bailey's Elementary...
" Comprehensive...
Baird's Series...
Bailey's Mental... ABCo
Robinson's New Higher...
Brooks' New... CSCo
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Prince's... G&Co
Speer's...
Wentworth's...
Harper's Advanced... H&Bros
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McLellan & Ames' Ser. MacCo
New Practical... PT&Co
Mills' Easy Problem. SB&Co
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Sheldon's Series...
Stoddard's New...
Belfield's Ele... SF&Co
" Comp...
Thurston's P. Tests... SB&Co
Coggswell, Lessons... TB&Co
Bradbury's Eaton's...
Nicholson's Series... UP&Co
Sanford's Series...
Venable's Series...
Werner Series—Hall W&Co
Business... W&R
Nichol's Graded Les. W&Co
Art.
Brown's... CSS
D'Anvers' History of...
Van Dyke's Painting. LG&Co
Hamlin's Architecture...
Marquand & Frothingham's Sculpture...
Abbott's... SB&Co
Astronomy.
Todd's New... ABCo
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Ball's Atlas of... DA&Co
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Bookkeeping.
Bryant & Stratton's (2)... ABCo
Lyte's Book... CSCo
Montgomery's Mod. MM&Co
Progressive... PT&Co
Hall's Art. of Accts. SB&Co
Mayhew's Standard... SB&Co
Meservey's... TB&Co
American Accountant. UP&Co
Werner... W&Co
New Complete... W&R
Bookkeeping Blanks... H&N
Botany.
Apgar's Analysis... ABCo
Bentley's...
Coulter's...
Gray's... ABCo
Clark's...
Boyer's Tablets... CSSH
Bergers'... G&Co
Curtis'... LG&Co
Bailey's Les... MacCo
Setchell's Lab...
Nature Calendar... MCo
Business Forms.
Eaton's... ABCo
Krone-Paragarr... KBros
Merrill's... MM&Co
Chemistry.
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Griffin's Philosophy... CSCo
Nature's Byways... MCo
Oratory.
The Speaker... SB&Co
The Writer...
A Manual of Gesture...
Orator's Manuals...
Webster's Bunker...
Hill... LG&Co
Briefs for Debate...
Follett's Speaker...
Intellectual and Moral Philosophy.
Browne's Series... H&Bros
Haven's Mental Philos. S&Co
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Pedagogies.
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Butler's...
International Ed. Ser. DA&Co
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ing...
Baldwin's Art of Sch...
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Putnam's Manual of... SB&Co
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Mathematics.
Crockett's Trig... ABCo
Ray's Series...
Robinson's New G. & T...
Schuyler's Elements...
Stewart's Plane and...
Solid...
Schuyler's Trigon...
Brooks' Plane and...
Solid... CSCo
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Colloquial Conver... IP&Sons
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Knofloch's Ger. Simp... UP&Co
Martin's Series... W&Co
Drillmaster in... WRJ
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Le Conte's... ABCo
Andrews' Element... ABCo
Nicholson's...
Steele's...
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Gove's...
Le Conte's Ele... DA&Co
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Tarr's Elements... MacCo
Scott's Introduction...
Hellprin's... SB&Co
Grammar.
(See Language & Grammar.)
Greek.
Jebb's Literature... ABCo
Gladstone's Homer...
Coy's First Reader...
" For Beginners...
Crosby's Lessons...
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Anthon's Series... H&Bros
Ritchie's... LG&Co
Arnold's Prose Comp...
Three Thous. Words... SB&Co
Boise-Pattengill's First...
Less. in Greek... SF&Co
Jones' Prose Comp...
Liddell's Dict... H&N
Histories.
Eggleston's Am... ABCo
McMaster's U. S...
Barnes (8)...
Eggleston's (2)...
Eclectic (2)...
Guerber's English...
Kroeh's...
Ridpath's...
Andrews' U. S... CSS
Adams'...
Burgess'...
Gordy's U. S...
Johnston's U. S...
Oxford Man. of Eng...
Guizot's Civil... DA&Co
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Kroeker's Germany...
Cooke's England...
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" Channing & Hart's... G&Co
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Myers'...
Green's Eng. People... H&Bros
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and Gen. His...
Scudder's His. of U. S. S&Co
Stowe's England... TB&Co
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" Higher...
Jones'...
Evans'... W&Co

Penmanship.
Barnes' Vertical.....ABCo
Spencerian Series.....
Curtis' Semi-Vertical.....
Roudebush Writing.....CSSH
Illustrated Lessons &
Lectures in.....ECo
Large Reversible Writ-
ing Books.....
Current Copy Books.....
Vertical Series.....
Smith's Writ. Prim.HPSPCo
Ed. System.....
Longman's New Copy
Books.....LG&Co
Krone-Paragarr System
(22 Nos.).....KBros
" Vertical.....
" Polish Edition.....
" German (13 Nos).....
" German, Vertical
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New Cent. Intermedial.MCo
Normal System.....SB&Co
Sheldon's Vertical.....S&Co
Duntonian.....TB&Co
University Series.....UPCo
Simplified Penmanship.....
Pen Written Copies.....W&R
Ellsworth's.....WSBC

Logic.
Bain's.....ABCo
Day's.....
Day's Elements of.....ABCo
Schuyler's Prin. of.....
Mill's System.....DA&Co
Davis' Series.....H&Bros
Bowne's Series.....
Poland's.....SB&Co
Mills' System.....LG&Co

Phonetic Reader.
C. W. Dean's.....MCo
Ward's Nat. Method in
Reading.....SB&Co

**Physics or Natural
Philosophy.**
Appleton's School.....ABCo
Cooley's Series.....
Steele's Popular.....
Trowbridge's New.....
Well's Nat. Phil.....
Britton's.....CSS
Grant's.....
Dana's.....
Mills'.....
Storer's.....
Thompson's.....
Deschanel's N. Phil.DA&Co
Doibear's First Prim.G&Co
Wentworth & Hill's.....
Hopkins' PreparatoryLG&Co
Watson's Practical.....
Wright's.....
Glazebrook & Shaw's
Practical.....
Balfour-Stewart's.....MacCo
Nichols.....
Shaw's.....MM&Co
Mead's Ele. of.....SB&Co
Avery's.....S&Co
Grifford's Elements.TB&Co

Physiology and Hygiene.
Overton's Series.....ABCo
Smith's Primer.....
Child's Health Primer.....
Kellogg's First Book.....
The Teacher's Manual.CSSH
Barnett's Making of
the Body.....LG&Co
Blaisdell's.....G&Co

Ferneaux's Phys.....LG&Co
Thornton's Phys.....MCo
Hutchinson's Series.....MM&Co
Willard & Smith, Stand. MCo
Easy Exp. in.....MCo
Foster & Shors.....MacCo
Handbook of Ex. in.....SB&Co
Primer of Health.....SB&Co
A Healthy Body.....
Essentials of Health.....
Gifford's Elementary.TB&Co
Dunglison's.....WSBCo

Physical Culture.
Morris' System.....ABCo
Harvey's Phy. Exer.LG&Co
The Ling System.....SB&Co
Anderson's.....MM&Co

Political Economy.
Laughlin's.....ABCo
Perry's Prin.....CSS
Woolsey's.....
Mill's Principles.....DA&Co
Mills'.....LG&Co
Davenport's.....MacCo
Macvane's.....MM&Co
Bullock's Int. to the
Study of Econ.SB&Co
Inst. of Economics.....S&Co
Wayland's.....S&Co
Chapin's.....
Wayland's Ele. of Pol.
Economy.....
Meservey's.....TB&Co

Readers.
Baldwin's.....ABCo
Harper Series.....
Swinton Series.....
Barnes Series.....
Appleton Series.....
McGuffey Series.....

Longman's "Ship" LitLG&Co
" Supplem't. Fairy. "
" Infant Fairy. "
" Ship" Historic'l "
Cyr Series.....G&Co
Collard's.....MM&Co
Todd-Powell Normal.SB&Co
Ward Rational Method "
Stepping Stones.....
Sheldon's Series.....S&Co
New Franklin Series.....
Davis'.....UPCo
Holmes'.....
Pollard Series.....WPH
New Normal.....WSBCo
Columbian.....

Shorthand.
Isaac Pitman's Comp..IP&S
Instructor.....
Isaac Pitman's Phono. "
Dic.....
Spanish Phonography .IP&S
Practical Shorthand.PTBCo

Spanish.
De Torno's Method.DA&Co
Ollendorff Method.....
Spanish Without a
Master.....DMcK
Knoflach's Span. Simp.UPCo

Spellers.
Rice's Series.....ABCo
Beitzel's Word Build.CSCo
Graves'.....G&Co
Reed-Word Lessons.MM&Co
Morse Speller.....MCo
Benedict's.....MacCo
New Speller.....H&N
Gem Spelling Blanks.PL&Co
De Vere's Grammar.....
Student's.....SF&Co

Normal Course.....SB&Co
Sheldon's Word StudiesS&Co
Patterson's Com. School "
Speller.....
Plain English.....PTBCo
Holmes' Elementary..UPCo
Hansell's Primary.....WPH
Pollard Speller.....WSBCo
Columbian.....W&R
Seventy Lessons.....

School Records.
Smith's Register.....H&N

Translations.
Literal of the Classics.DMcK
Interlineal of.....
Classical Library...H&Bros
Handy (75 vols.).....H&N

Writing.
Standard Vertical.....CSCo
Popular System.....
Shaylor's System.....G&Co
Smith's System.....HSCo
Merrill's.....MM&Co
Normal System.....SB&Co

Zoology.
Burnet's.....ABCo
Holder's Elementary.....
Morse's First Book in. "
Steele's Series.....
Johannot's Series.....S&Co
Nicholson's Manual...DA&Co
Beddard's.....LG&Co

Concordia Pub. Co....CPCo
Central Sch. Sup. H...CSSH
Charles Scribner's
Sons.....CSS
Ellsworth Co., The....ECo
Ginn & Co.....G&Co
Harper & Brothers..H&Bros
Hinds & Noble.....H&N
Houghton, Mifflin & Co.
.....HM&Co
Irish, Frank V.....FV1
Krone Bros.....KBros
King, Richardson & Co.
.....KR&Co
Longmans, Green & Co.
.....LG&Co
Maynard, Merrill & Co.
.....MM&Co
Merriam, G & C. Co.G&CMCo
Morse Co., The.....TMCo
Macmillan Co.....MacCo
Pitman & Sons, Isaac.
.....IP&Sons
Prac. Text Book Co.PTBCo
Prang Educational Co.PECo
Powers, O. M.....OMP
R L Meyers & Co.....M&Co
Sanborn & Co., B. H.BH&Co
Sheldon & Co.....S&Co
Silver, Burdett & Co.SB&Co
Smith Pub. Co., H. P.
.....HPSPCo
Scott, Foresman & Co.SF&Co
Sower Co., Christopher.CSCo
Thompson, Brown & Co.
.....TB&Co
University Pub. Co.....UPCo
Western Pub. House...WPH
Williams & Rogers....W&R
Werner School Book
Co.....WSBCo

ABBREVIATIONS.

American Book Co....ABCo
Appleton & Co., D...DA&Co

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Steel, chilled, very durable. Easily
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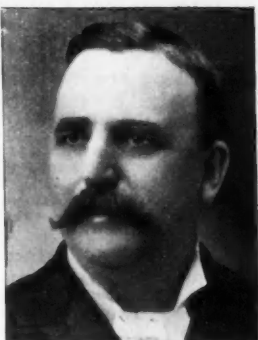
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A PIANO AT A NOVINAL PRICE.

Chicago's largest music house, Lyon &
Healy, has just bought, for a fraction of its
cost, the entire stock of Lyon, Potter & Co.
These splendid pianos are offered without
reserve until all are sold. In this stock
are about 100 new Steinway pianos, and
hundreds of new and second-hand pianos,
including instruments of the following well-
known makes: Sterling, Huntington, A. B.
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are fine-toned instruments at \$25, \$40, \$60,
and upwards. In Upright Pianos neat in-
struments at \$100, \$120, \$140, \$150, \$165,
\$190, \$200, and upwards. In Baby Grands
some nice specimens at \$250, and upwards.
Nearly all these pianos were intended to
sell for at least double these clearing sale
prices. This is an opportunity that will
not occur again, as the firm of Lyon, Potter
& Co. carried one of the finest piano stocks
in the country. Immediate attention is
therefore necessary. A good plan would be
to order a piano, leaving the selection of it
to Lyon & Healy. However, they will sent
a list and full particulars upon application.
Any piano not proving entirely satisfactory
may be returned at their expense. Address
simply, Lyon & Healy, Chicago. Distance
is no obstacle in taking advantage of this
remarkable chance to obtain a piano, for in
proportion to the saving to be made the
freight charges are insignificant. If you do
not already know Lyon & Healy by reputa-
tion, any banker will assure you of their
entire responsibility and record of over a
third of a century for honorable dealing.
Write to-day, so as to avoid disappointment.



JOHN NIMMO.
Member of the Board of Education.
Jersey City, N. J.

Tuition.

Pomeroy, O. The tuition in all
the rooms and grades below the
high school is fixed at 25 cents per
week, and the high school at 50
cents per week, payable monthly,
in advance.

Hume, Mo. The tuition rates
have been fixed at \$1 per month,
\$1.50 per month, and \$2 per
month, payable quarterly.

Bostwick, Neb. Non-resident
pupils are charged \$1 per month,
in advance.

Fairbury, Neb. The school
board has announced that the tui-
tion of non-resident pupils must
invariably be paid in advance.

Waukesha, Wis. Non-resident
students paid tuition of 40 to 70
cents per week for attendance at
the grade and high schools, re-
spectively.

San Bernardino, Cal. Tuition
rate for non-residents fixed at \$20
per annum.

J. H. Garside, vice-president
board of education, Atchison Co.,
desires to locate holders of Atchi-
son school bonds, with the view of
calling them in for redemption;
about \$65,000 outstanding. Par-
ties of interest reading this notice
will kindly communicate at once.

Take advantage of the Tourist
Sleeping Cars, via the Missouri,
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A most valuable addition to any
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venient, thorough and eminently
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This is what Uncle Sam pays his employees.
How to secure a U. S. Government position;
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Agents wanted to push the sale of all Furniture and Appar-
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HIGH SCHOOL, PLANO, ILL.

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Special Studies.

Tiffin, O. Greek has been added to high school curriculum.

Fresno, Cal. The dropping from the school curriculum the studies of civil government, mental arithmetic and music is being considered.

Buffalo, N. Y. It has been definitely decided that the Polish language will not be taught in the schools.

Somerville, Mass. Mayor Perry, in an address before the board of education, said: "Our public schools should go further than at present in the care of pupils' bodies. Gymnasiums and bathing facilities should be instituted. Teachers should be encouraged to plan half-holiday outings for pupils, taking the children to park and forest reservations, where they may breathe pure air, enjoy healthful exercise, study the fascinating secrets of nature, and learn to love God by observing His wonderful handiwork."

South Manchester, Conn. In resigning from the school board, Rev. Thomas Simms takes occasion to remark: "While I have not objected to the specialties of cooking, sloyd, sewing, gymnasium, music and drawing, I have insisted that, inasmuch as neither the days nor the years are longer than formerly, since so much time is devoted to these outside departments, the rest of the time should be devoted to work upon the common branches, and not to story-telling and getting a smattering in all the fields of knowledge."

Wakefield, Mass. Manual training is to be introduced in the schools.

Detroit, Mich. The text book committee, in a report to the board, says that, as stenography is now taught in the commercial course, typewriting has become a necessity, as it is everywhere regarded as an essential adjunct of stenography.

Milwaukee, Wis. Hon. Henry Smith, ex-congressman, is of the opinion that kindergartens should be abolished. He holds that no child under 6 years should be allowed to attend school. He bases his objection to kindergartens on the ground that the little ones attending same are taught too much sing-song, and that when they are placed in the first grade, or enter upon real school work, it is a much greater task for the teacher to teach such children the rudiments of educational learning than those who never attended the kindergartens. He says this information he got from an old schoolmaster.

Kansas City, Mo. R. L. Yeager, president of the school board, emphatically dissents from a proposition to establish a trade school. He is, however, in favor of a manual training high

A GODSEND TO ALL HUMANITY.

Invention of An Ohioan That Guarantees Health, Strength and Beauty by Nature's Method and Cures Without Drugs All Nervous Diseases, Rheumatism, La Grippe, Neuralgia, Kidney Troubles, Piles, Weakness, and the Most Obstinate Diseases.

Those Who Have Used It Declare It To Be the Most Remarkable Invigorant Ever Produced for Man, Woman or Child.

An inventive genius of Cincinnati, Ohio, has patented and placed on the market a Bath Cabinet that is of great interest to the public, not only the sick and debilitated, but also those enjoying health.

It is a sealed compartment, in which one comfortably rests on a chair and with only the head outside, may have all the invigorating, cleansing and purifying effects of the most luxurious

matism, la grippe, Bright's disease and all kidney and urinary affections has been found. The

Well-Known Christian Minister

Of Una, S. C., Rev. R. E. Peale, highly recommends this Cabinet, as also does Mrs. Kendrick, Princ. of Vassar College; Congressman John J. Lantz, John T. Brown, editor of the Christian Guide, many lawyers, physicians, ministers and hundreds of other influential people.

Reduces Obesity.

It is important to know that the inventor guarantees that obesity will be reduced 5 lbs. per week if these hot vapor baths are taken regularly. Scientific reasons are brought out in a very instructive little book issued by the makers. To

Cure Blood and Skin Diseases

The Cabinet is unquestionably the best thing in the world. If people, instead of filling their systems with more poisons, by taking drugs and nostrums, would get into a Vapor Bath Cabinet and sweat out these poisons and assist Nature to act, they would have a skin as clear and smooth as the most fastidious could desire.

The Great Feature

Of this Bath Cabinet is that it gives a Hot Vapor Bath that opens the millions of pores all over the body, stimulating the sweat glands and forcing out by nature's method all the impure salts, acids and effete matter, which, if retained, overwork the heart, kidneys and lungs and cause disease, debility and sluggishness. A Hot Vapor Bath instills new life from the very beginning, and makes you feel 10 years younger. With the bath, if desired, is a

Head and Complexion Steamer,

In which the face and head are given the same vapor treatment as the body. This produces the most wonderful results, removes pimples, blackheads, skin eruptions and

Cures Catarrh and Asthma.

L. B. Westbrook, Newton, Ia., writes: "For 45 years I have had catarrh and asthma to such an extent that it had eaten out the partition between my nostrils. Drugs and doctors did me no good. The first vapor bath I took helped me and two weeks' use cured me entirely, and I have never had a twinge since." Whatever

Will Hasten Perspiration,

Every one knows, is beneficial. Turkish baths, massage, hot drinks, stimulants, hot foot baths, are all known to be beneficial, but the best of these methods become crude and insignificant when compared to the convenient and marvelous curative power of the Cabinet Bath referred to above. The Cabinet is known as the

Quaker Folding Thermal.

Vapor Bath Cabinet was patented May 18, 1897, and is made only in Cincinnati, O. This Cabinet, we find, is durably made of best materials. It is entered and vacated by a door at the side. The Cabinet is air-tight, made of the best hygienic water-proof cloth, rubber-lined, and a folding steel plated frame supports it from top to bottom. The makers furnish a good alcohol stove with each Cabinet; also, valuable receipts and formulas for medicated baths and ailments, as well as plain directions.

Another excellent feature is that it folds into so small a space that it may

be carried when traveling—weighs but five pounds.

People don't need bathroom, as this Cabinet may be used in any room. Thus bath tubs have been discarded since the invention of this Cabinet, as it gives a far better bath for all cleansing purposes than soap and water. For the sickroom its advantages are at once apparent. The Cabinet is amply large enough for any person. There have been

So-Called Cabinets

On the market, but they were unsatisfactory, for they had no door, no supporting frame, but were simply a cheap affair to pull on or off over the head like a skirt or barrel, subjecting the body to sudden and dangerous changes of temperature, or made with a bulky wooden frame, which the heat and steam within the cabinet warped, cracked and caused to fall apart and soon become worthless.

The Quaker Cabinet made by the Cincinnati firm is the only practical article of its kind, and will last for years. It seems to satisfy and delight every user, and the

Makers Guarantee Results.

They assert positively, and their statements are backed by a vast amount of testimony from persons of influence, that their Cabinet will cure nervous troubles and debility, clear the skin, purify the blood, cure rheumatism. (They offer \$50 reward for a case that can not be relieved.) Cures women's troubles, la grippe, sleeplessness, obesity, neuralgia, headaches, gout, sciatica, piles, dropsy, blood and skin disease, liver and kidney troubles. It will

Cure a Hard Cold

With one bath, and break up all symptoms of la grippe, fevers, pneumonia, bronchitis, asthma, and is really a household necessity. It is the most

Cleansing and Invigorating Bath

known, and all those enjoying health should use it at least once or twice a week, but its great value lies in its marvelous power to draw out of the system the impurities that cause disease, and for this reason is really a godsend to all humanity.

How to Get One.

All our readers who want to enjoy perfect health, prevent disease or are afflicted should have one of these remarkable Cabinets. The price is wonderfully low, space prevents a detailed description, but it will bear out the most exacting demand for durability and curative properties. Write to the World Manufacturing Co., 218 World Bldg., Cincinnati, O., and ask them to send you their pamphlets and circulars describing this invention. The regular price of this Cabinet is \$5. Head Steaming Attachment, if desired, \$1 extra, and it is indeed difficult to imagine where one could invest that amount of money in anything else that guarantees so much real genuine health, vigor and strength.

Write today for full information, or, better still, order a Cabinet. You won't be deceived or disappointed, as the makers guarantee every Cabinet, and will refund your money if not just as represented. Capital, \$100,000.00, and fill all orders as soon as received.

Don't fail to send for booklet, as it will prove very interesting reading.

This Cabinet is a wonderful seller for agents, and the firm offers special inducements to good agents, both men and women—upon request.



CABINET OPEN—Step in or out



FOLDED

Turkish bath, hot vapor or medicated vapor baths at home for 3 cents each, with no possibility of taking cold, or in any way weakening the system.

A well-known physician of Topeka, Kansas, E. L. Eaton, M. D., gave up his practice to sell these Bath Cabinets, feeling that they were all his patients needed to get well and keep well, as they cured the most obstinate diseases often when his medicine failed, and we understand he has already sold over 600. Another physician of Chicago, Dr. John C. Wright, followed Dr. Eaton's example, moved West and devotes his entire time to selling these Cabinets. Many others are doing likewise.

Hundreds of remarkable letters have been written the inventors from those who have used the Cabinet, two of which referring to

Rheumatism and La Grippe,

Will be interesting to those who suffer from these dread maladies. G. M. Laferty, Covington, Ky., writes: "Was compelled to quit business a year ago, being prostrated by rheumatism when your Cabinet came. Two weeks' use of it entirely cured me, and have never had a twinge since. My doctor was much astonished and will recommend them. Mrs. S. S. Noteman, Hood River, Ore., writes that her neighbor used the Bath Cabinet for a severe case of la grippe and cured herself entirely in two days. Another neighbor cured eczema of many years' standing and her little girl of measles. A. B. Strickland, Bloomington, Idaho, writes that the Bath Cabinet did him more good in one week than two years' doctoring, and entirely cured him of catarrh, gravel, kidney trouble and dropsy, with which he had been long afflicted. Hundreds of others write praising this Cabinet, and there seems to be no doubt but that the long-sought-for means of curing rheu-

school and also favors the teaching of manual training in the grammar grades.

Newark, N. J. Supt. Gilbert is not in sympathy with the proposed introduction of Spanish as a study in the public schools, either in the day or evening schools. He feels that the time occupied by the study of Spanish could be much better utilized in the study of some other subject of more direct benefit to the great majority of the pupils.

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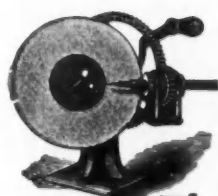
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